

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
 Data File : VX026038.D  
 Acq On : 25 Dec 2021 16:54  
 Operator : JC/MD  
 Sample : M5213-02  
 Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGLD4

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: VX026038.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          | 55           | rVB      | 111846         | 136922        | 7.53%           | 0.662%        |
| 2         | 1.648       | 89            | 92          | 100          | rVB      | 59915          | 74605         | 4.10%           | 0.361%        |
| 3         | 2.276       | 189           | 195         | 206          | rVB      | 232336         | 377260        | 20.74%          | 1.824%        |
| 4         | 2.374       | 206           | 211         | 216          | rBV2     | 4810           | 10843         | 0.60%           | 0.052%        |
| 5         | 2.727       | 265           | 269         | 273          | rBV3     | 1297           | 2468          | 0.14%           | 0.012%        |
| 6         | 2.782       | 273           | 278         | 286          | rVB5     | 3121           | 6650          | 0.37%           | 0.032%        |
| 7         | 3.075       | 323           | 326         | 330          | rVB4     | 963            | 1424          | 0.08%           | 0.007%        |
| 8         | 3.288       | 360           | 361         | 363          | rBV2     | 304            | 252           | 0.01%           | 0.001%        |
| 9         | 3.343       | 366           | 370         | 373          | rBV2     | 238            | 417           | 0.02%           | 0.002%        |
| 10        | 3.422       | 376           | 383         | 389          | rVB3     | 1386           | 3442          | 0.19%           | 0.017%        |
| 11        | 3.489       | 392           | 394         | 395          | rBV      | 298            | 278           | 0.02%           | 0.001%        |
| 12        | 3.745       | 432           | 436         | 440          | rVB      | 205            | 274           | 0.02%           | 0.001%        |
| 13        | 4.270       | 518           | 522         | 524          | rBV3     | 444            | 593           | 0.03%           | 0.003%        |
| 14        | 4.288       | 524           | 525         | 528          | rVV      | 707            | 559           | 0.03%           | 0.003%        |
| 15        | 4.337       | 531           | 533         | 536          | rVB2     | 219            | 233           | 0.01%           | 0.001%        |
| 16        | 4.501       | 549           | 560         | 590          | rBV5     | 50799          | 298398        | 16.40%          | 1.443%        |
| 17        | 5.062       | 639           | 652         | 673          | rBV2     | 128854         | 444747        | 24.45%          | 2.151%        |
| 18        | 5.464       | 712           | 718         | 719          | rBV3     | 613            | 1054          | 0.06%           | 0.005%        |
| 19        | 5.617       | 741           | 743         | 744          | rBV      | 439            | 312           | 0.02%           | 0.002%        |
| 20        | 5.788       | 767           | 771         | 772          | rBV2     | 311            | 369           | 0.02%           | 0.002%        |
| 21        | 5.806       | 772           | 774         | 775          | rBV      | 637            | 609           | 0.03%           | 0.003%        |
| 22        | 5.970       | 788           | 801         | 824          | rVV2     | 400486         | 1180141       | 64.88%          | 5.707%        |
| 23        | 6.178       | 833           | 835         | 839          | rVB2     | 389            | 429           | 0.02%           | 0.002%        |
| 24        | 6.226       | 839           | 843         | 844          | rBV3     | 389            | 400           | 0.02%           | 0.002%        |
| 25        | 6.373       | 859           | 867         | 876          | rBV5     | 4968           | 16944         | 0.93%           | 0.082%        |
| 26        | 6.543       | 891           | 895         | 899          | rVB3     | 294            | 468           | 0.03%           | 0.002%        |
| 27        | 6.598       | 899           | 904         | 910          | rBV5     | 1218           | 2381          | 0.13%           | 0.012%        |
| 28        | 6.763       | 921           | 931         | 944          | rBV2     | 253176         | 617947        | 33.97%          | 2.988%        |
| 29        | 7.117       | 982           | 989         | 999          | rBV8     | 3400           | 12026         | 0.66%           | 0.058%        |
| 30        | 7.214       | 999           | 1005        | 1012         | rVV5     | 2297           | 6566          | 0.36%           | 0.032%        |
| 31        | 7.312       | 1012          | 1021        | 1037         | rVB      | 231637         | 521254        | 28.66%          | 2.521%        |
| 32        | 7.537       | 1057          | 1058        | 1064         | rVB4     | 274            | 384           | 0.02%           | 0.002%        |
| 33        | 7.830       | 1101          | 1106        | 1111         | rVB3     | 404            | 943           | 0.05%           | 0.005%        |
| 34        | 7.934       | 1119          | 1123        | 1124         | rBV2     | 1206           | 1021          | 0.06%           | 0.005%        |
| 35        | 7.952       | 1124          | 1126        | 1127         | rBV2     | 1272           | 1240          | 0.07%           | 0.006%        |
| 36        | 8.055       | 1140          | 1143        | 1144         | rBV3     | 367            | 411           | 0.02%           | 0.002%        |

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 ClientSampleId :  
 BGLD4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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 | 8.177  | 1160 | 1163 | 1169 | rVB3 | 467     | 822     | 0.05%   | 0.004% |
| 38 | 8.275  | 1172 | 1179 | 1182 | rBV4 | 2446    | 4495    | 0.25%   | 0.022% |
| 39 | 8.330  | 1182 | 1188 | 1200 | rVV  | 124619  | 212800  | 11.70%  | 1.029% |
| 40 | 8.427  | 1202 | 1204 | 1210 | rVB5 | 1942    | 3552    | 0.20%   | 0.017% |
| 41 | 8.598  | 1227 | 1232 | 1234 | rBV2 | 3002    | 4855    | 0.27%   | 0.023% |
| 42 | 8.647  | 1234 | 1240 | 1248 | rVV  | 566606  | 909707  | 50.01%  | 4.399% |
| 43 | 8.720  | 1249 | 1252 | 1256 | rVB  | 6346    | 8623    | 0.47%   | 0.042% |
| 44 | 8.909  | 1279 | 1283 | 1285 | rBV2 | 3179    | 4018    | 0.22%   | 0.019% |
| 45 | 8.952  | 1285 | 1290 | 1300 | rVB  | 80469   | 135189  | 7.43%   | 0.654% |
| 46 | 9.098  | 1309 | 1314 | 1320 | rBV5 | 1898    | 3793    | 0.21%   | 0.018% |
| 47 | 9.202  | 1328 | 1331 | 1332 | rBV3 | 533     | 656     | 0.04%   | 0.003% |
| 48 | 9.232  | 1333 | 1336 | 1339 | rVB3 | 1102    | 1358    | 0.07%   | 0.007% |
| 49 | 9.281  | 1339 | 1344 | 1349 | rBV4 | 7612    | 18017   | 0.99%   | 0.087% |
| 50 | 9.397  | 1357 | 1363 | 1376 | rVB  | 379969  | 610653  | 33.57%  | 2.953% |
| 51 | 9.500  | 1376 | 1380 | 1386 | rVV4 | 8640    | 15515   | 0.85%   | 0.075% |
| 52 | 9.561  | 1387 | 1390 | 1395 | rVB3 | 9660    | 13266   | 0.73%   | 0.064% |
| 53 | 9.616  | 1395 | 1399 | 1403 | rBV  | 9943    | 14632   | 0.80%   | 0.071% |
| 54 | 9.756  | 1418 | 1422 | 1426 | rBV4 | 2364    | 3148    | 0.17%   | 0.015% |
| 55 | 9.823  | 1428 | 1433 | 1438 | rVV3 | 13725   | 31416   | 1.73%   | 0.152% |
| 56 | 9.903  | 1442 | 1446 | 1452 | rVB  | 43331   | 62900   | 3.46%   | 0.304% |
| 57 | 10.006 | 1458 | 1463 | 1466 | rBV  | 42338   | 56158   | 3.09%   | 0.272% |
| 58 | 10.055 | 1466 | 1471 | 1477 | rVB  | 524870  | 732510  | 40.27%  | 3.542% |
| 59 | 10.195 | 1488 | 1494 | 1500 | rBV  | 1398722 | 1818968 | 100.00% | 8.797% |
| 60 | 10.305 | 1504 | 1512 | 1518 | rBV  | 1120693 | 1490110 | 81.92%  | 7.206% |
| 61 | 10.457 | 1532 | 1537 | 1543 | rBV2 | 10868   | 16449   | 0.90%   | 0.080% |
| 62 | 10.500 | 1543 | 1544 | 1545 | rBV  | 612     | 347     | 0.02%   | 0.002% |
| 63 | 10.537 | 1545 | 1550 | 1551 | rBV  | 11042   | 14106   | 0.78%   | 0.068% |
| 64 | 10.585 | 1555 | 1558 | 1565 | rVB  | 79387   | 107189  | 5.89%   | 0.518% |
| 65 | 10.646 | 1565 | 1568 | 1569 | rBV  | 26811   | 26088   | 1.43%   | 0.126% |
| 66 | 10.781 | 1587 | 1590 | 1594 | rVB  | 167618  | 205279  | 11.29%  | 0.993% |
| 67 | 10.854 | 1594 | 1602 | 1606 | rBV3 | 131958  | 239695  | 13.18%  | 1.159% |
| 68 | 10.896 | 1606 | 1609 | 1613 | rVB  | 74865   | 98576   | 5.42%   | 0.477% |
| 69 | 10.963 | 1614 | 1620 | 1623 | rBV3 | 44486   | 73637   | 4.05%   | 0.356% |
| 70 | 11.006 | 1623 | 1627 | 1628 | rBV2 | 24605   | 32117   | 1.77%   | 0.155% |
| 71 | 11.031 | 1628 | 1631 | 1634 | rBV2 | 89446   | 102860  | 5.65%   | 0.497% |
| 72 | 11.195 | 1650 | 1658 | 1666 | rBV2 | 626693  | 995814  | 54.75%  | 4.816% |
| 73 | 11.305 | 1672 | 1676 | 1679 | rBV  | 118533  | 155614  | 8.56%   | 0.753% |
| 74 | 11.402 | 1687 | 1692 | 1695 | rBV  | 200781  | 282941  | 15.56%  | 1.368% |
| 75 | 11.683 | 1735 | 1738 | 1740 | rBV  | 106430  | 115983  | 6.38%   | 0.561% |
| 76 | 11.719 | 1740 | 1744 | 1746 | rVV  | 343441  | 405177  | 22.28%  | 1.959% |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGLD4

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  | 11.756 | 1746 | 1750 | 1759 | rVB  | 1291287 | 1774339 | 97.55% | 8.581% |
| 78  | 11.841 | 1760 | 1764 | 1766 | rBV  | 124037  | 172192  | 9.47%  | 0.833% |
| 79  | 11.945 | 1777 | 1781 | 1784 | rBV2 | 181726  | 243597  | 13.39% | 1.178% |
| 80  | 12.024 | 1790 | 1794 | 1800 | rBV2 | 651078  | 991107  | 54.49% | 4.793% |
| 81  | 12.091 | 1800 | 1805 | 1812 | rVV3 | 487304  | 953781  | 52.44% | 4.613% |
| 82  | 12.177 | 1816 | 1819 | 1826 | rVB2 | 245824  | 333141  | 18.31% | 1.611% |
| 83  | 12.244 | 1826 | 1830 | 1836 | rBV3 | 231314  | 357092  | 19.63% | 1.727% |
| 84  | 12.323 | 1837 | 1843 | 1848 | rBV3 | 876551  | 1323639 | 72.77% | 6.401% |
| 85  | 12.463 | 1863 | 1866 | 1873 | rVB2 | 195709  | 320376  | 17.61% | 1.549% |
| 86  | 12.536 | 1874 | 1878 | 1879 | rBV  | 180465  | 220591  | 12.13% | 1.067% |
| 87  | 12.890 | 1933 | 1936 | 1939 | rBV2 | 127990  | 221016  | 12.15% | 1.069% |
| 88  | 13.292 | 1998 | 2002 | 2008 | rVB3 | 159110  | 235489  | 12.95% | 1.139% |
| 89  | 13.737 | 2072 | 2075 | 2078 | rBV3 | 44510   | 64613   | 3.55%  | 0.312% |
| 90  | 13.774 | 2078 | 2081 | 2088 | rVB  | 308630  | 426532  | 23.45% | 2.063% |
| 91  | 14.640 | 2219 | 2223 | 2227 | rVB  | 120418  | 146279  | 8.04%  | 0.707% |
| 92  | 14.780 | 2243 | 2246 | 2255 | rVB  | 61538   | 81947   | 4.51%  | 0.396% |
| 93  | 15.377 | 2341 | 2344 | 2349 | rBV5 | 5769    | 10884   | 0.60%  | 0.053% |
| 94  | 15.481 | 2357 | 2361 | 2366 | rVB2 | 14691   | 22522   | 1.24%  | 0.109% |
| 95  | 15.621 | 2378 | 2384 | 2387 | rBV  | 13201   | 22365   | 1.23%  | 0.108% |
| 96  | 15.914 | 2430 | 2432 | 2435 | rBV2 | 626     | 733     | 0.04%  | 0.004% |
| 97  | 15.944 | 2435 | 2437 | 2439 | rBV2 | 565     | 448     | 0.02%  | 0.002% |
| 98  | 16.188 | 2476 | 2477 | 2478 | rBV  | 431     | 258     | 0.01%  | 0.001% |
| 99  | 16.475 | 2522 | 2524 | 2527 | rBV  | 393     | 384     | 0.02%  | 0.002% |
| 100 | 16.597 | 2542 | 2544 | 2551 | rVB5 | 728     | 1184    | 0.07%  | 0.006% |

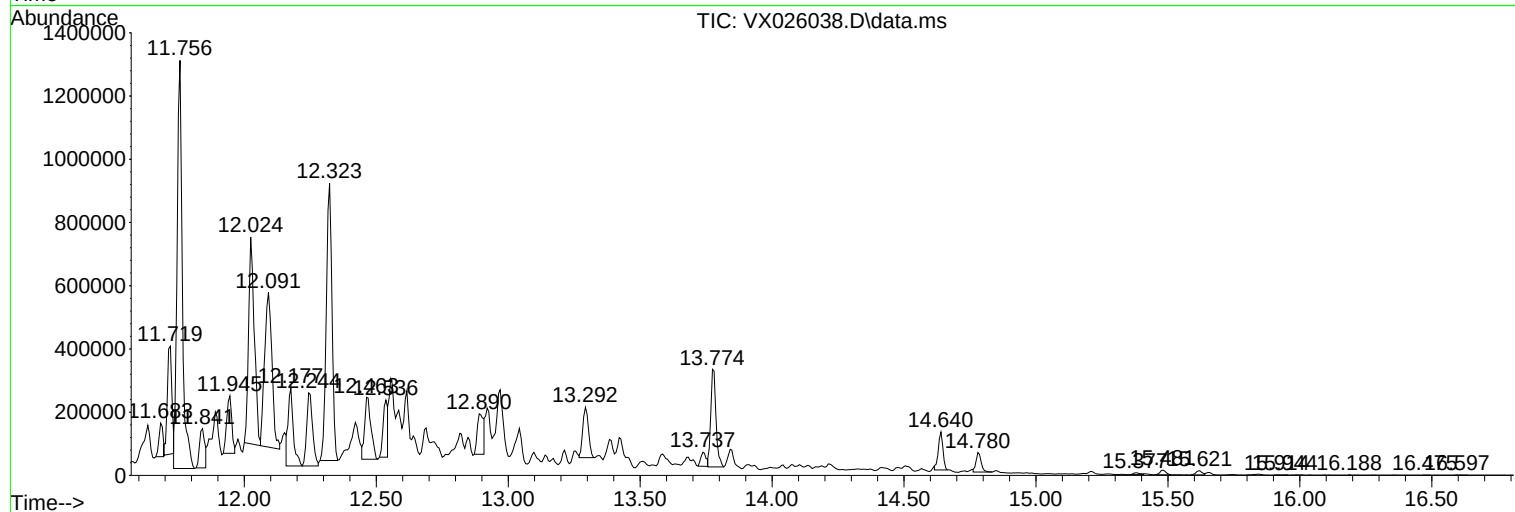
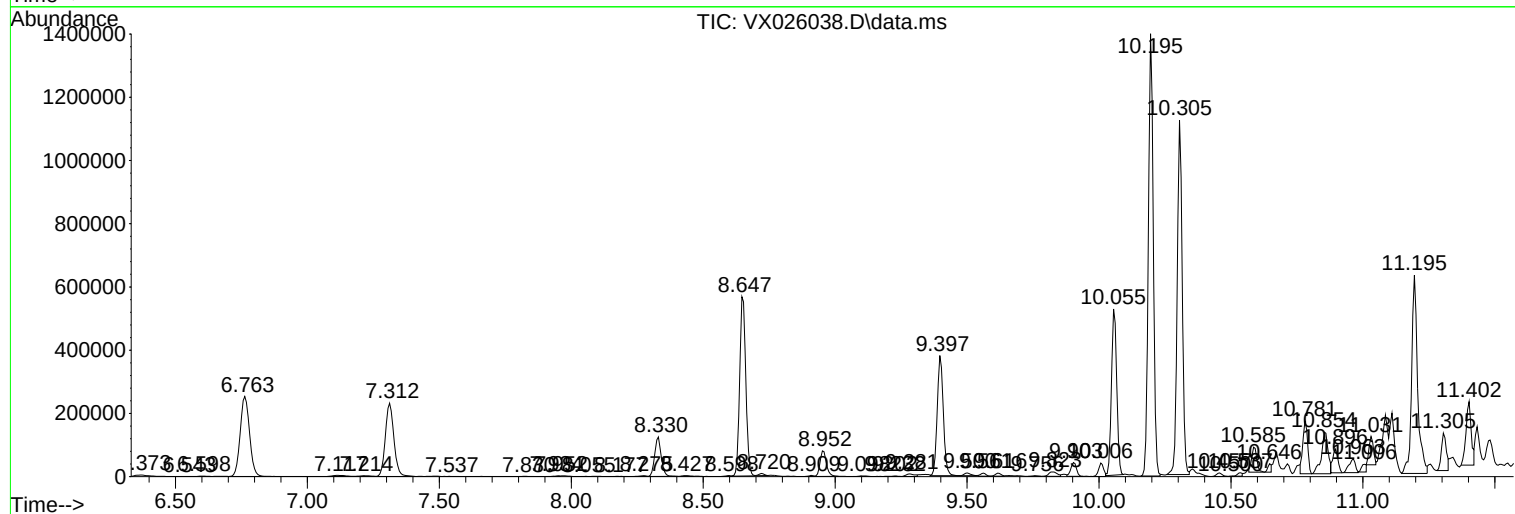
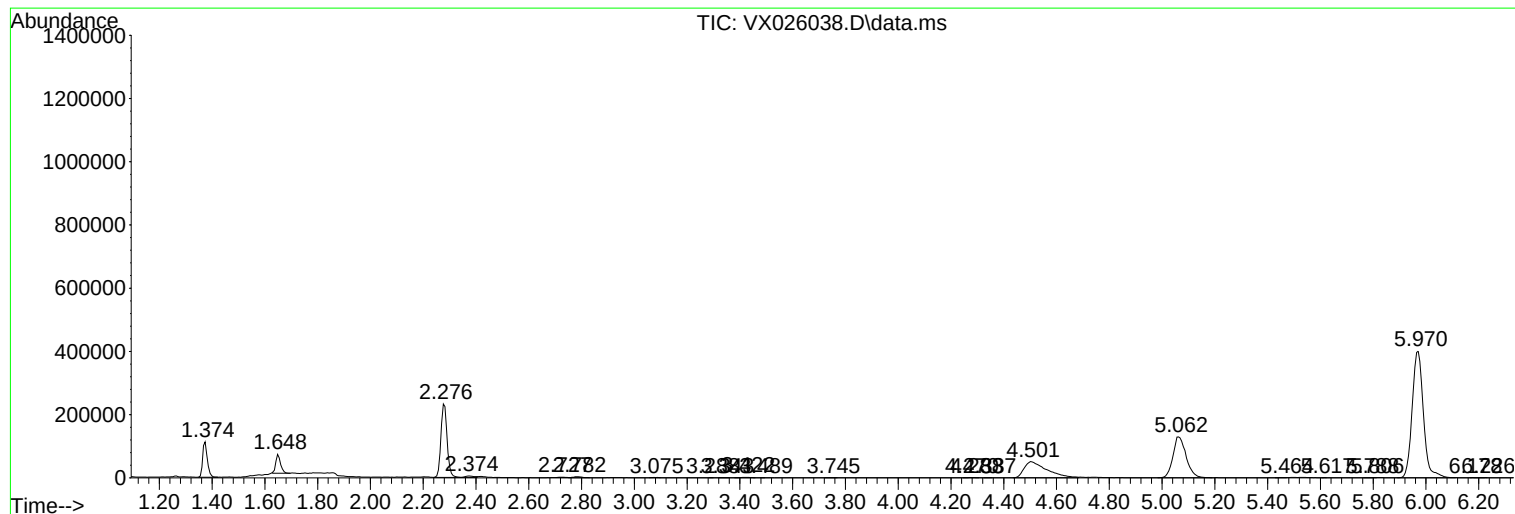
Sum of corrected areas: 20677806

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Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

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\VX122521\  
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MSVOA\_X  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

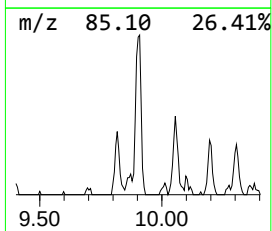
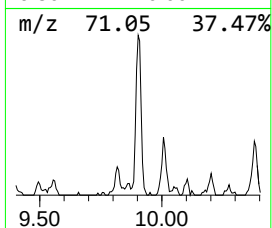
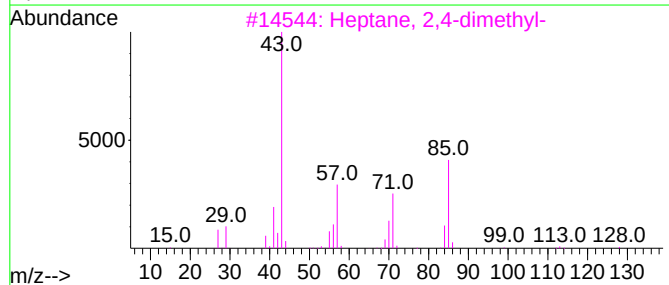
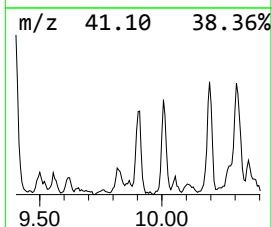
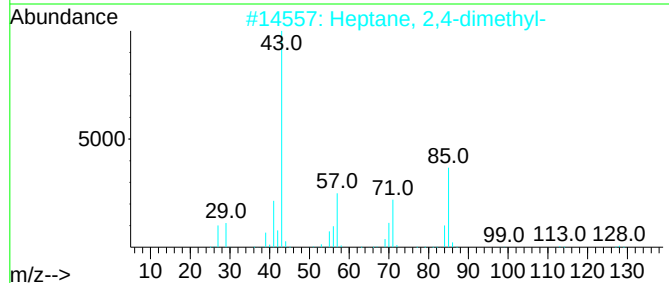
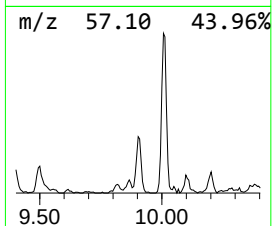
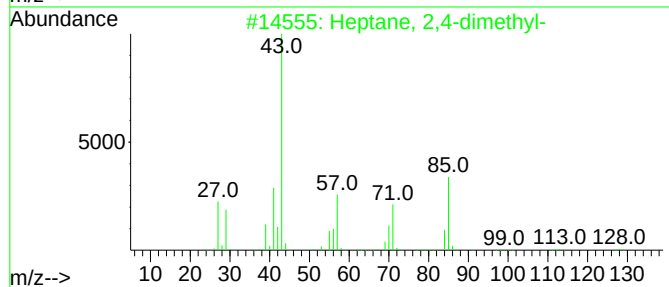
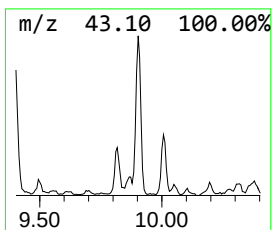
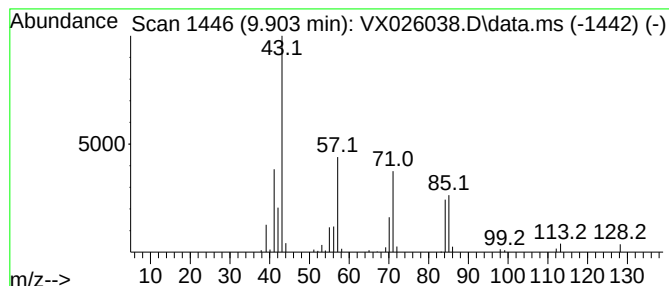
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.   |
|-------|-----------|-------|------------------|--------|
| 9.903 | 4.29 ug/L | 62900 | Chlorobenzene-d5 | 10.055 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Heptane, 2,4-dimethyl-   | 128 | C9H20   | 002213-23-2 | 53   |
| 2    |      | Heptane, 2,4-dimethyl-   | 128 | C9H20   | 002213-23-2 | 53   |
| 3    |      | Heptane, 2,4-dimethyl-   | 128 | C9H20   | 002213-23-2 | 53   |
| 4    |      | Hexane, 2,3,4-trimethyl- | 128 | C9H20   | 000921-47-1 | 53   |
| 5    |      | Hexane, 3-ethyl-         | 114 | C8H18   | 000619-99-8 | 50   |



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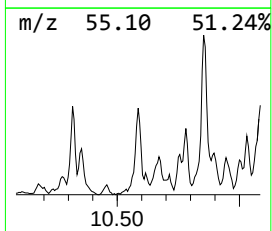
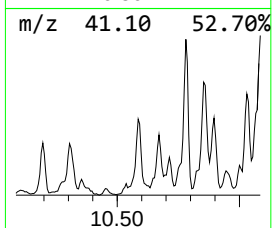
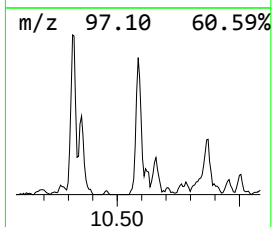
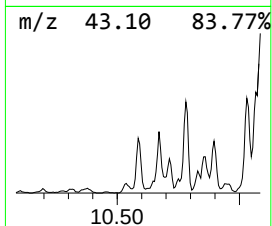
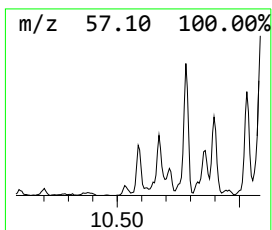
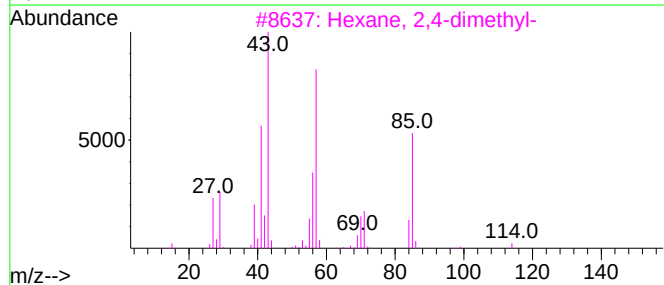
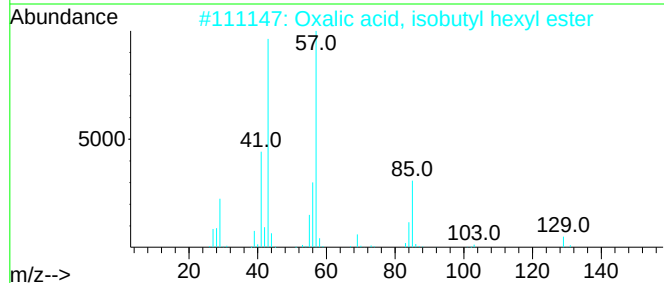
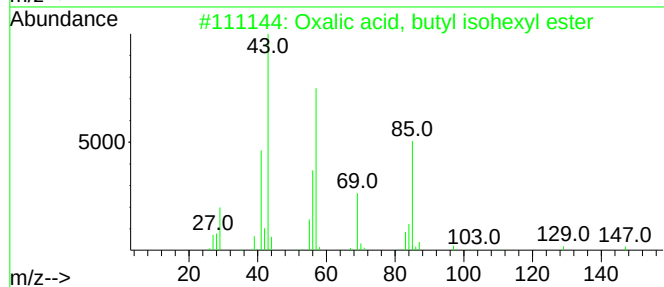
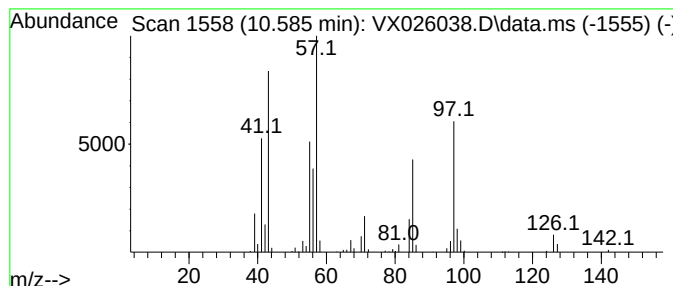
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 3 unknown-01 Concentration Rank 17

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 10.586 | 7.32 ug/L | 107189 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxalic acid, butyl isohexyl ester | 230 | C12H22O4 | 1000309-32-7 | 47   |
| 2    |    |   | Oxalic acid, isobutyl hexyl ester | 230 | C12H22O4 | 1000309-37-1 | 47   |
| 3    |    |   | Hexane, 2,4-dimethyl-             | 114 | C8H18    | 000589-43-5  | 43   |
| 4    |    |   | Pentane, 2,2-dimethyl-            | 100 | C7H16    | 000590-35-2  | 43   |
| 5    |    |   | Pentane, 2,2-dimethyl-            | 100 | C7H16    | 000590-35-2  | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

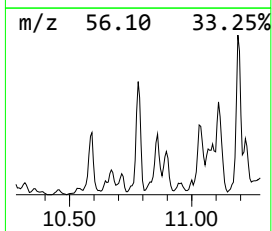
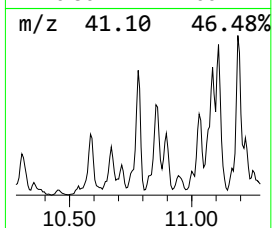
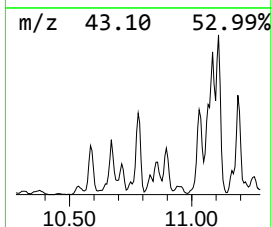
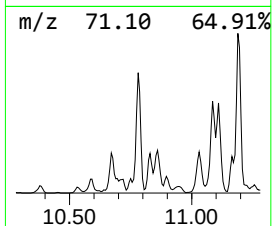
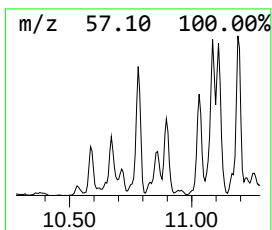
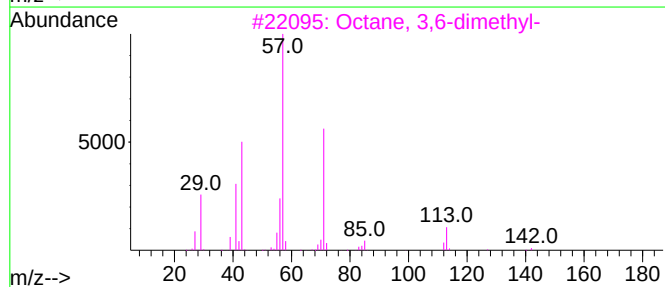
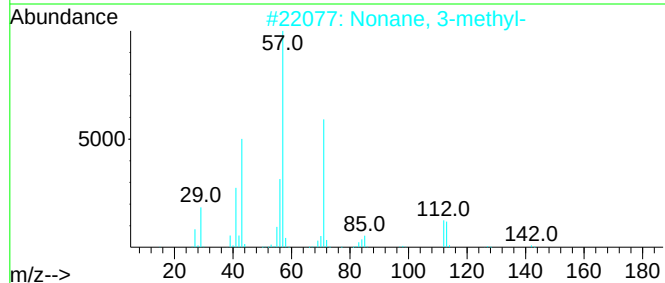
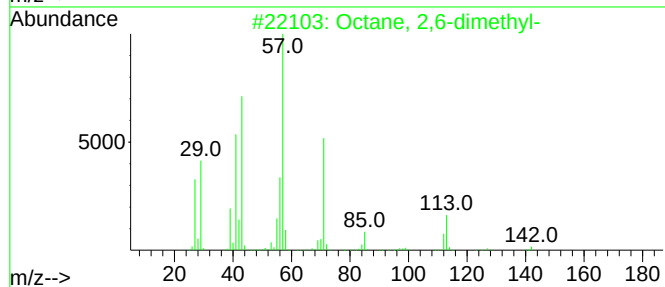
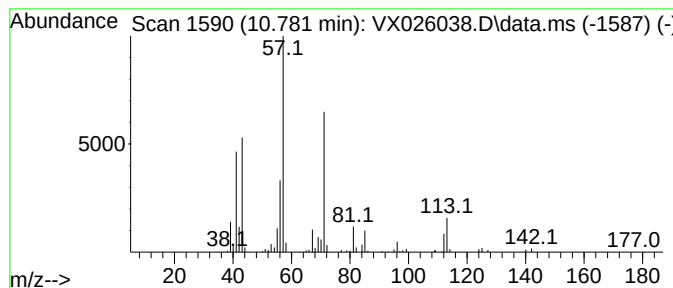
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.781 | 14.01 ug/L | 205279 | Chlorobenzene-d5 | 10.055 |

| Hit# | of                    | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------------|---|--------------|-----|---------|-------------|------|
| 1    | Octane, 2,6-dimethyl- |   |              | 142 | C10H22  | 002051-30-1 | 87   |
| 2    | Nonane, 3-methyl-     |   |              | 142 | C10H22  | 005911-04-6 | 87   |
| 3    | Octane, 3,6-dimethyl- |   |              | 142 | C10H22  | 015869-94-0 | 83   |
| 4    | Nonane, 3-methyl-     |   |              | 142 | C10H22  | 005911-04-6 | 81   |
| 5    | Octane, 2,6-dimethyl- |   |              | 142 | C10H22  | 002051-30-1 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

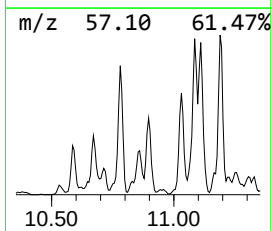
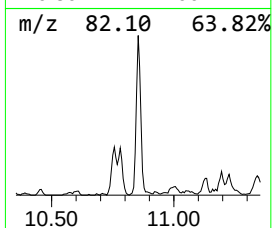
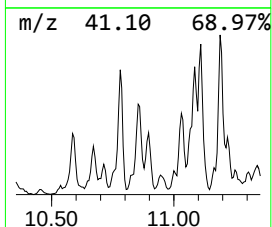
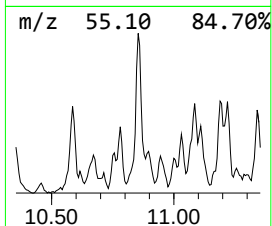
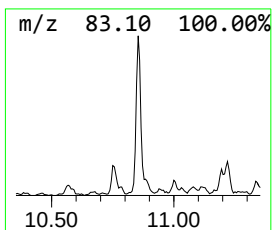
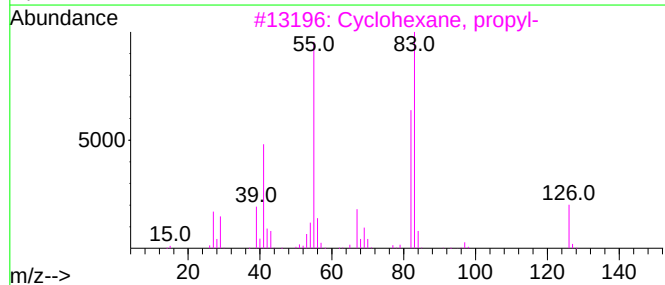
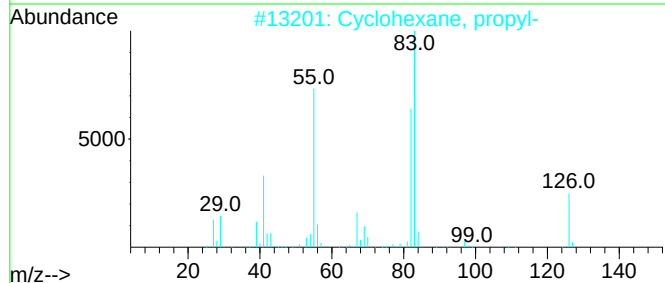
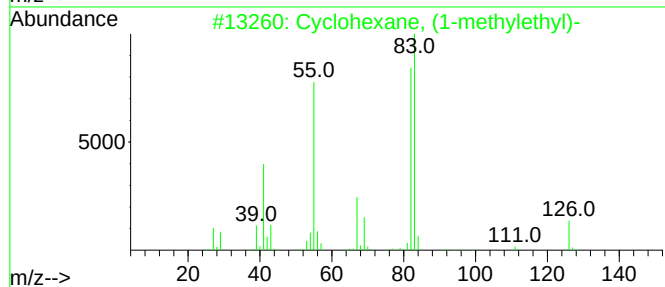
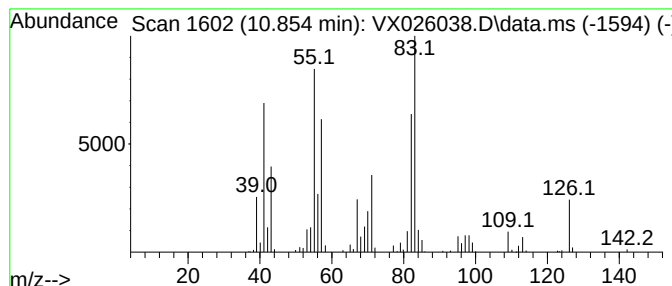
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Quant Title : VOC Analysis

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

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Peak Number 5 (DEL) Alkane: Cyclic10.854 Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.854 | 16.36 ug/L | 239695 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 81   |
| 2    |    |   | Cyclohexane, propyl-          | 126 | C9H18   | 001678-92-8 | 81   |
| 3    |    |   | Cyclohexane, propyl-          | 126 | C9H18   | 001678-92-8 | 76   |
| 4    |    |   | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 74   |
| 5    |    |   | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 72   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

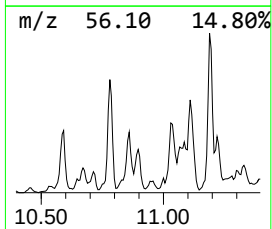
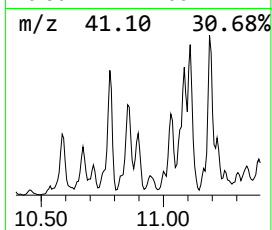
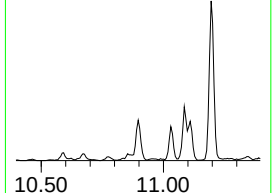
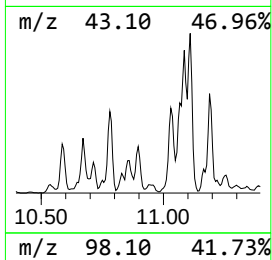
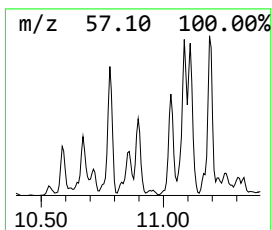
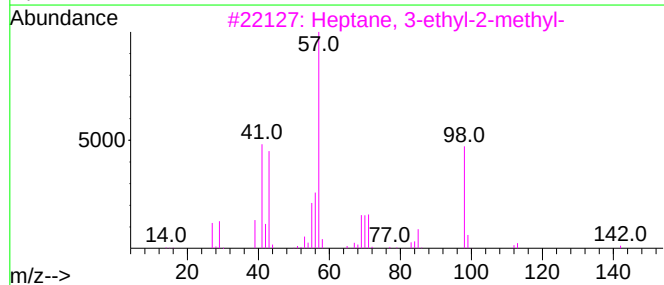
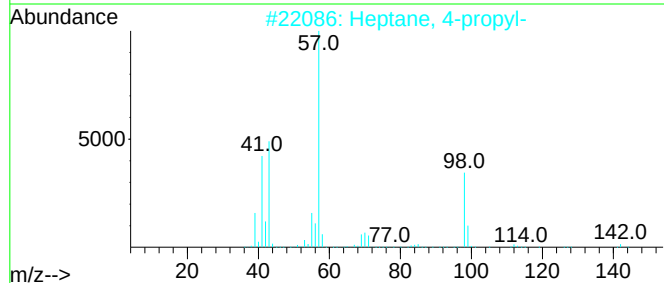
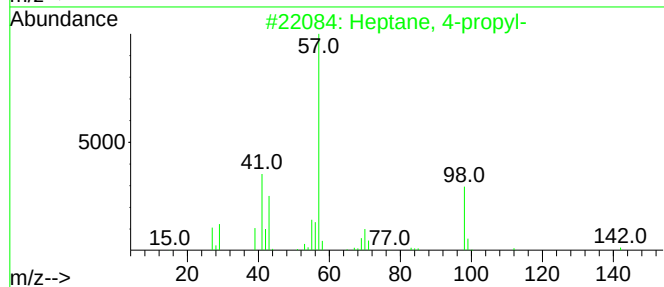
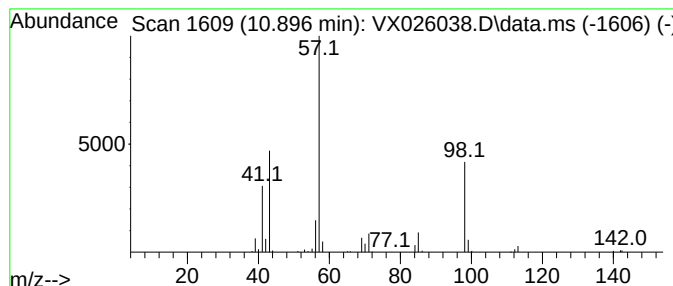
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Quant Title : VOC Analysis

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.896 | 6.73 ug/L | 98576 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 4-propyl-         | 142 | C10H22  | 003178-29-8 | 86   |
| 2    |    |   | Heptane, 4-propyl-         | 142 | C10H22  | 003178-29-8 | 64   |
| 3    |    |   | Heptane, 3-ethyl-2-methyl- | 142 | C10H22  | 014676-29-0 | 64   |
| 4    |    |   | Heptane, 3-ethyl-2-methyl- | 142 | C10H22  | 014676-29-0 | 64   |
| 5    |    |   | Octane, 2,3-dimethyl-      | 142 | C10H22  | 007146-60-3 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

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

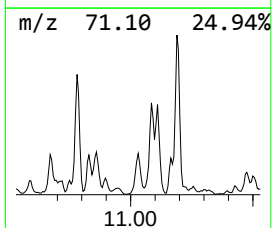
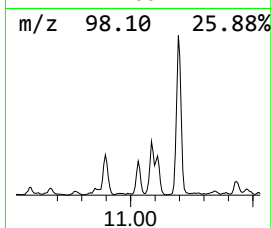
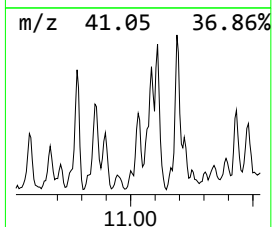
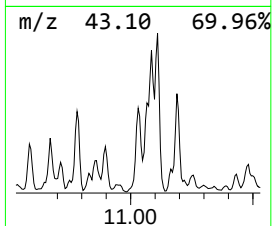
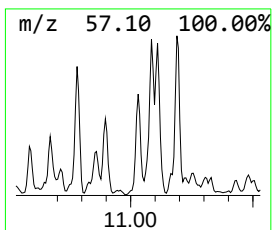
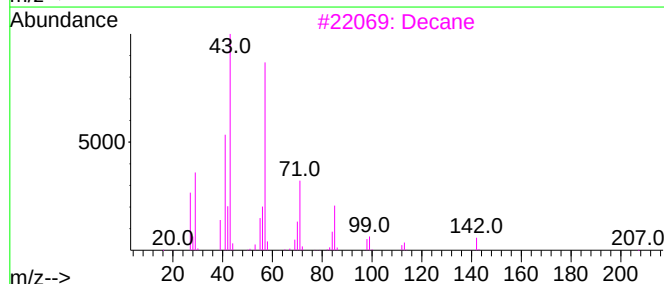
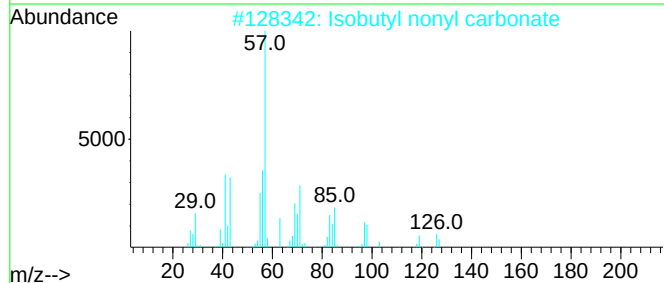
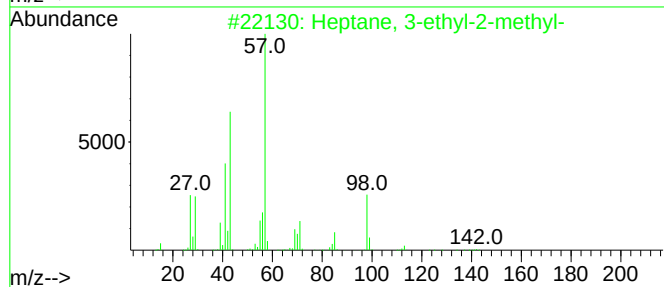
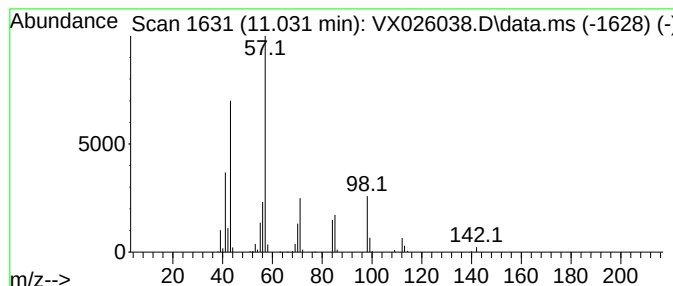
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.031 | 7.02 ug/L | 102860 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heptane, 3-ethyl-2-methyl-         | 142 | C10H22   | 014676-29-0  | 64   |
| 2    |    |   | Isobutyl nonyl carbonate           | 244 | C14H28O3 | 959311-27-4  | 53   |
| 3    |    |   | Decane                             | 142 | C10H22   | 000124-18-5  | 50   |
| 4    |    |   | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 49   |
| 5    |    |   | Octane                             | 114 | C8H18    | 000111-65-9  | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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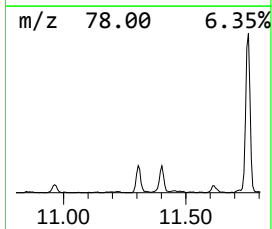
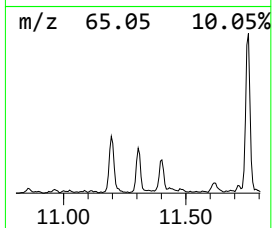
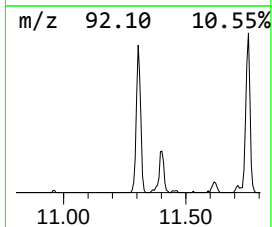
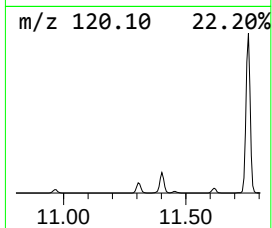
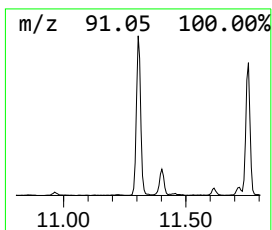
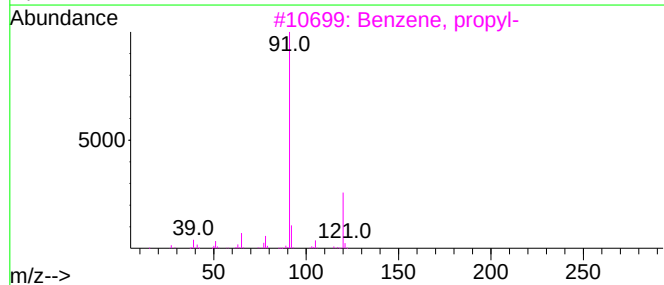
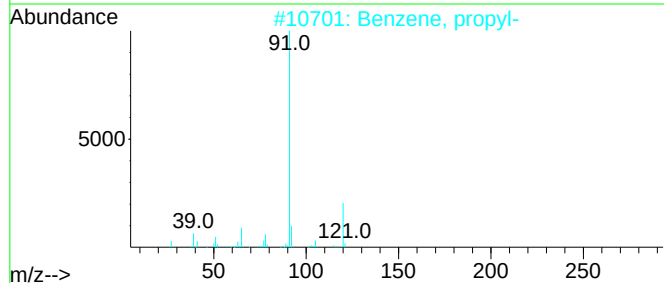
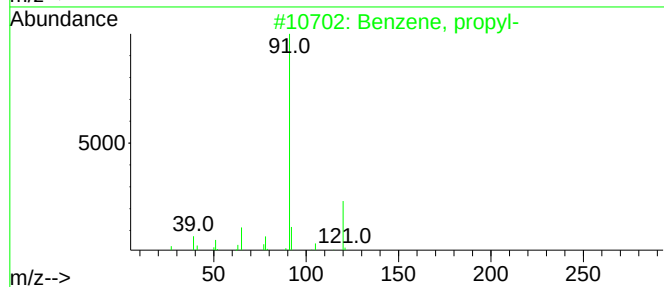
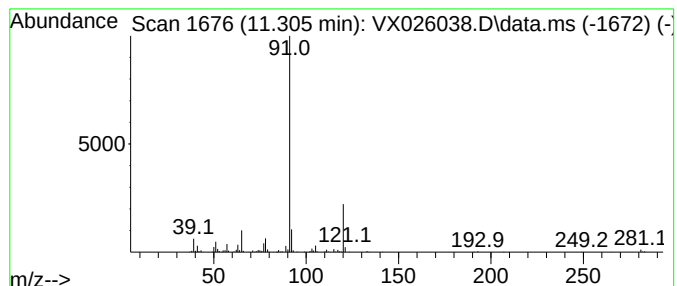
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Quant Title : VOC Analysis

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

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Peak Number 8 Benzene, propyl- Concentration Rank 15

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.305 | 7.85 ug/L | 155614 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 93   |
| 2    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 81   |
| 3    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 74   |
| 4    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 70   |
| 5    |    |   | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

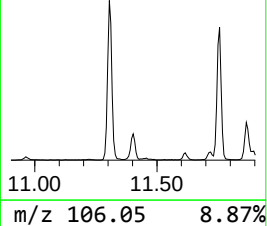
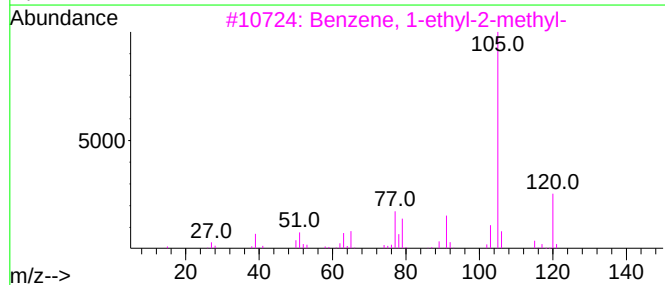
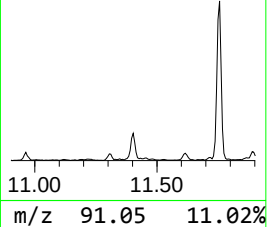
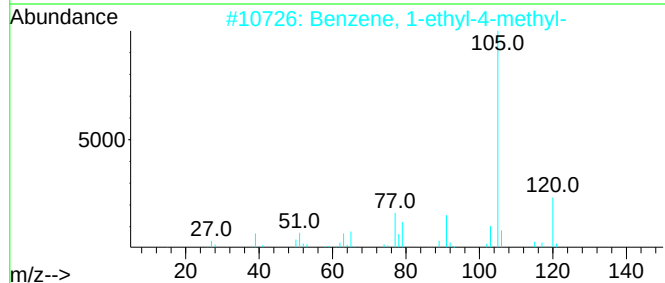
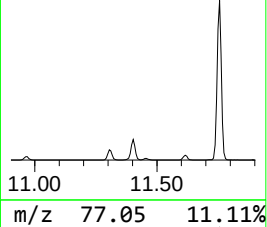
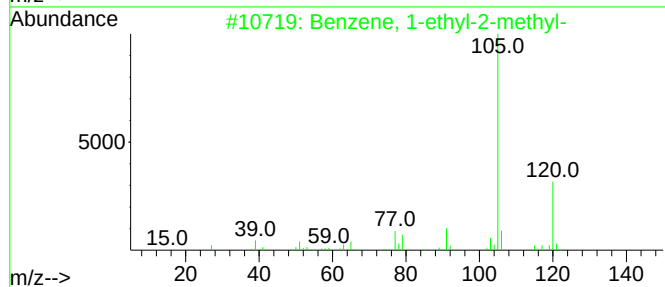
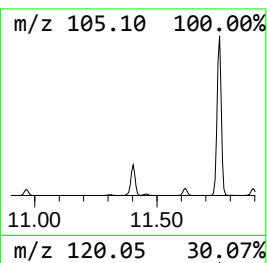
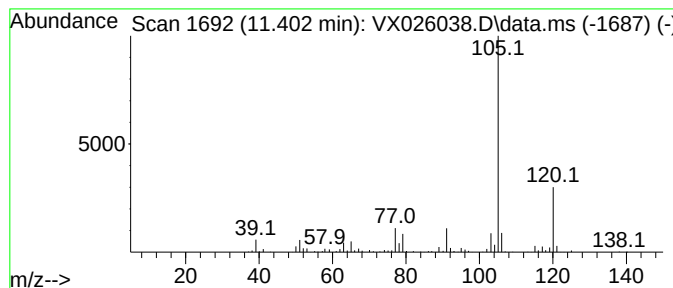
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Quant Title : VOC Analysis

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

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Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.402 | 14.27 ug/L | 282941 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

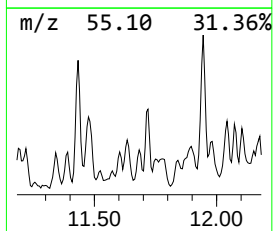
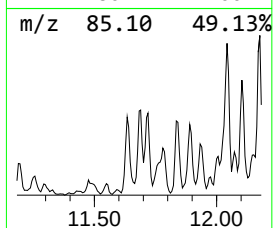
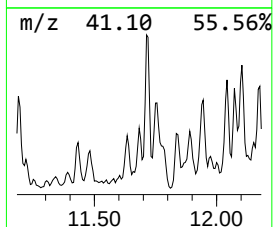
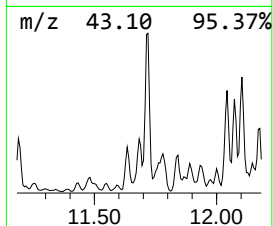
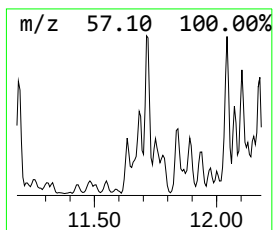
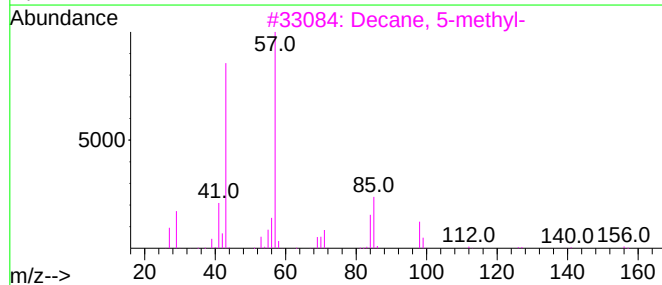
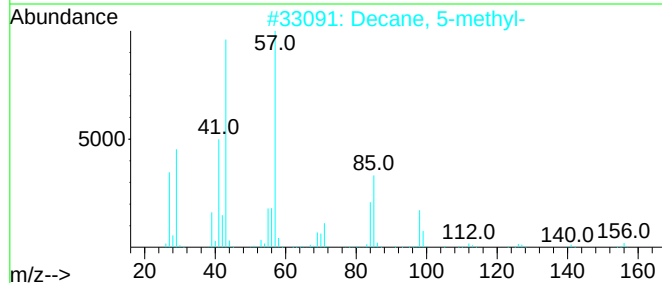
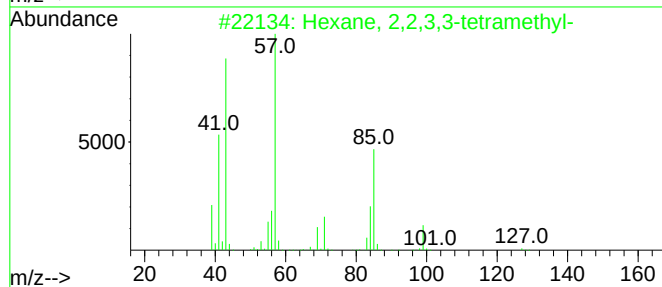
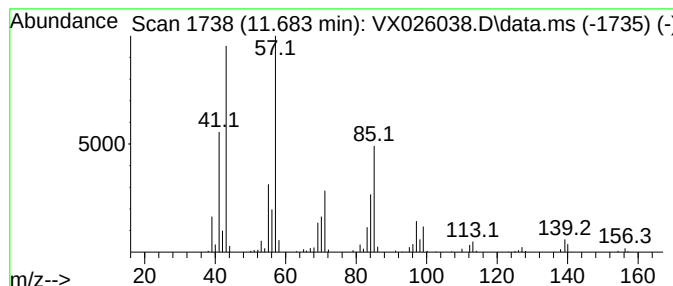
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.683 | 5.85 ug/L | 115983 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexane, 2,2,3,3-tetramethyl-        | 142 | C10H22    | 013475-81-5  | 58   |
| 2    |    |   | Decane, 5-methyl-                   | 156 | C11H24    | 013151-35-4  | 52   |
| 3    |    |   | Decane, 5-methyl-                   | 156 | C11H24    | 013151-35-4  | 52   |
| 4    |    |   | Sulfurous acid, hexyl pentadecyl... | 376 | C21H44O3S | 1000309-13-7 | 50   |
| 5    |    |   | Pentadecane                         | 212 | C15H32    | 000629-62-9  | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

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

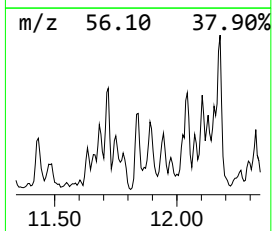
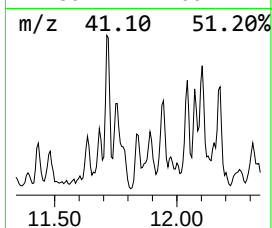
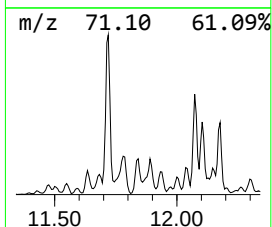
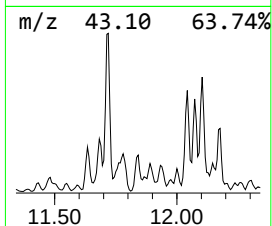
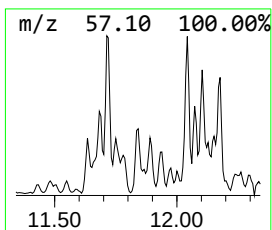
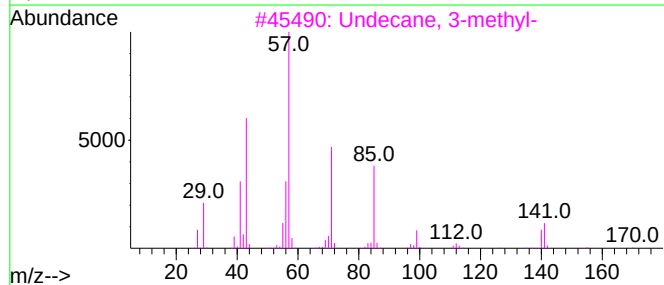
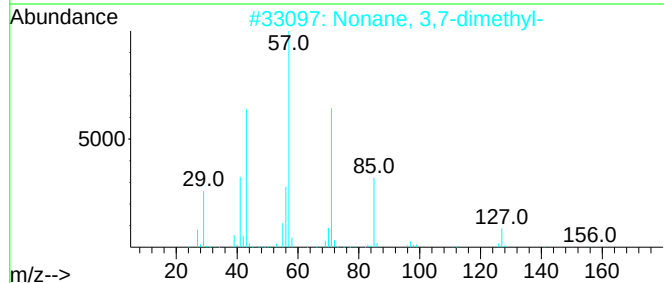
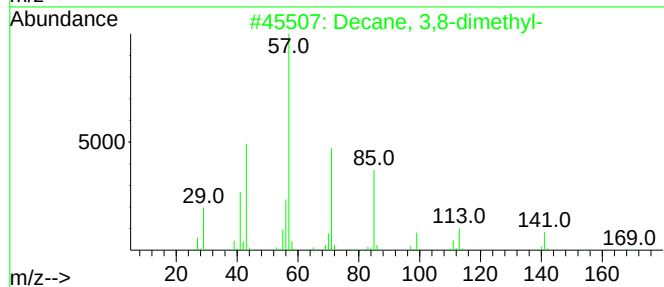
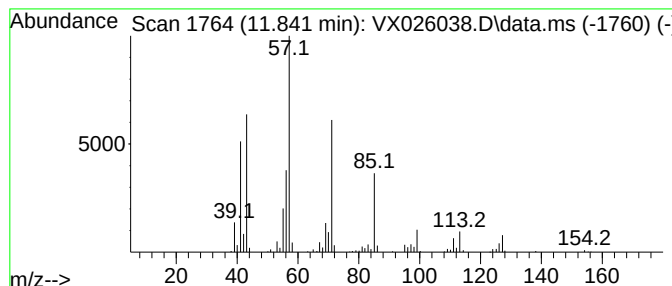
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.841 | 8.69 ug/L | 172192 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 86   |
| 2    |    |   | Nonane, 3,7-dimethyl- | 156 | C11H24  | 017302-32-8 | 81   |
| 3    |    |   | Undecane, 3-methyl-   | 170 | C12H26  | 001002-43-3 | 72   |
| 4    |    |   | Octadecane, 1-iodo-   | 380 | C18H37I | 000629-93-6 | 64   |
| 5    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

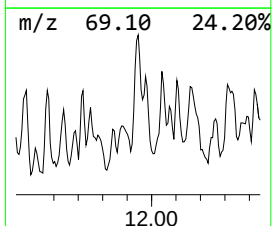
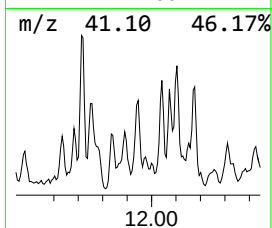
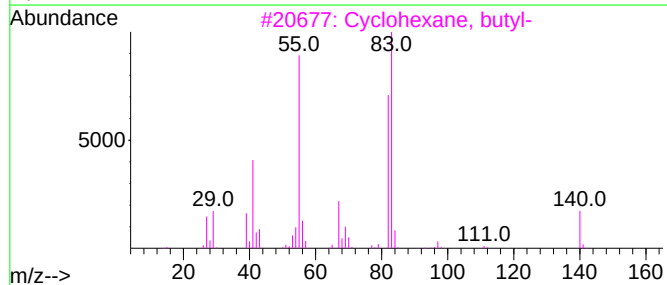
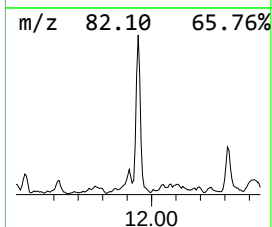
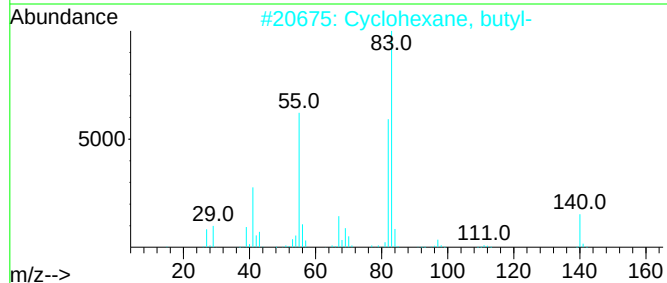
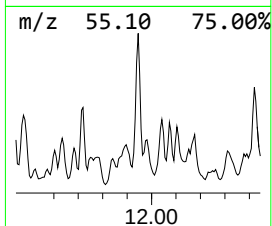
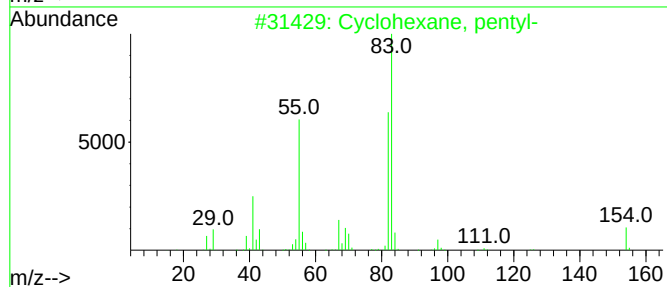
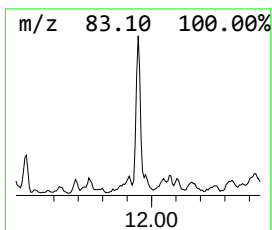
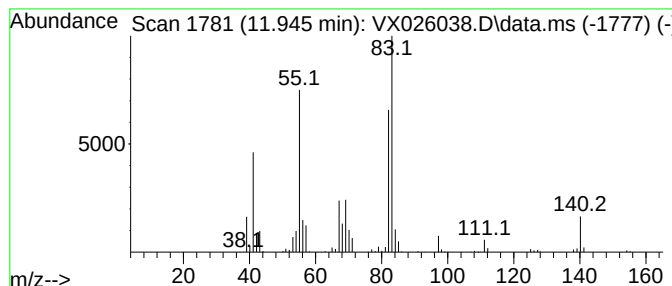
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 12 (DEL) Alkane: Cyclic11.945 Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.945 | 12.29 ug/L | 243597 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, pentyl-          | 154 | C11H22  | 004292-92-6 | 90   |
| 2    |    |   | Cyclohexane, butyl-           | 140 | C10H20  | 001678-93-9 | 90   |
| 3    |    |   | Cyclohexane, butyl-           | 140 | C10H20  | 001678-93-9 | 90   |
| 4    |    |   | Cyclohexane, octyl-           | 196 | C14H28  | 001795-15-9 | 78   |
| 5    |    |   | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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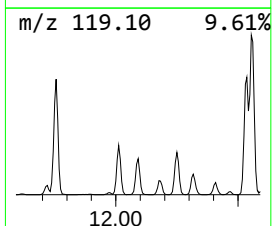
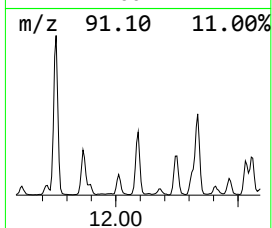
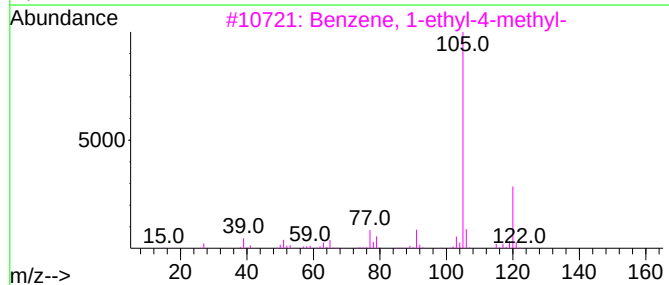
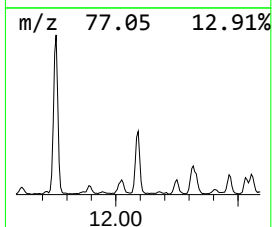
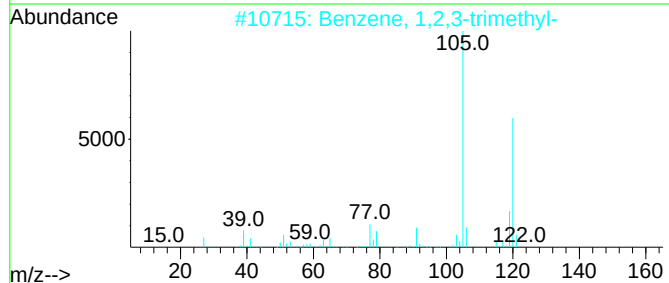
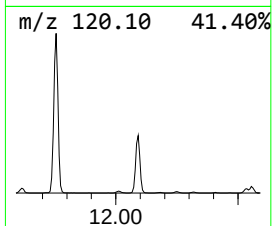
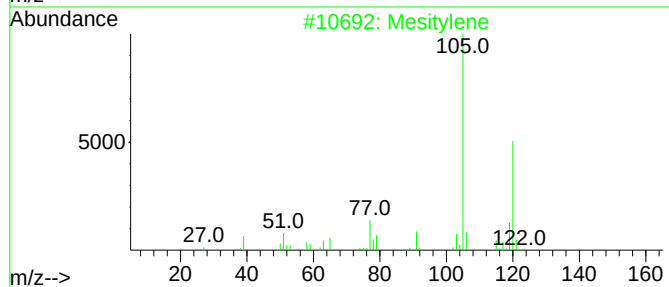
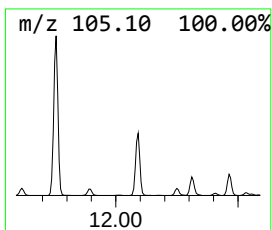
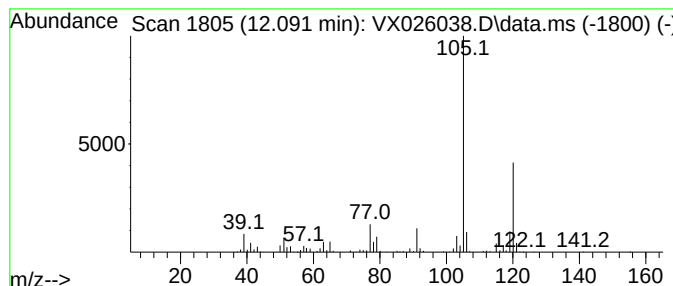
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.091 | 48.12 ug/L | 953781 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 94   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

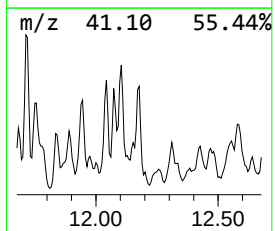
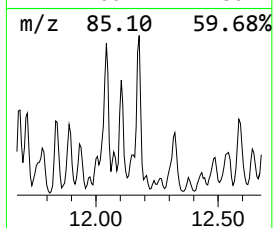
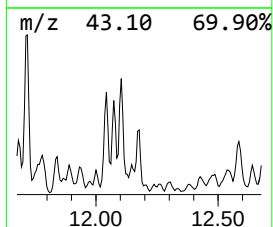
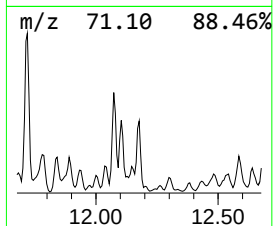
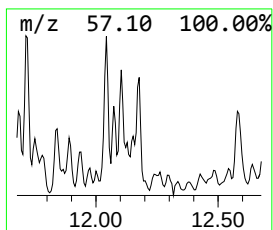
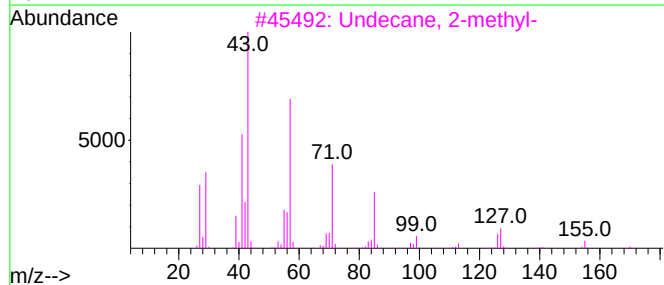
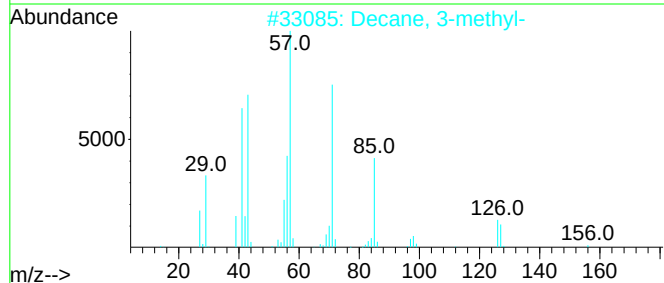
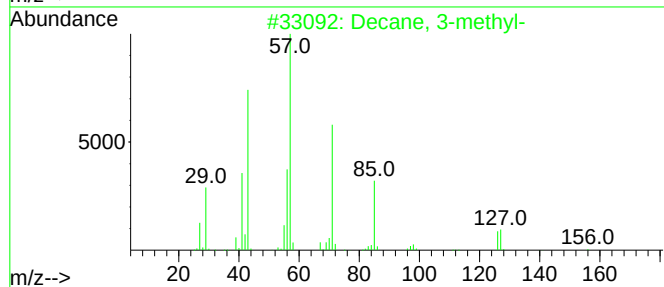
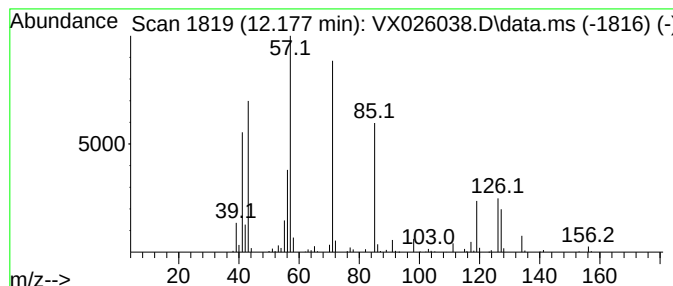
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.177 | 16.81 ug/L | 333141 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 3-methyl-           | 156 | C11H24  | 013151-34-3 | 87   |
| 2    |    |   | Decane, 3-methyl-           | 156 | C11H24  | 013151-34-3 | 83   |
| 3    |    |   | Undecane, 2-methyl-         | 170 | C12H26  | 007045-71-8 | 64   |
| 4    |    |   | Nonane, 5-(2-methylpropyl)- | 184 | C13H28  | 062185-53-9 | 64   |
| 5    |    |   | Heptadecane, 8-methyl-      | 254 | C18H38  | 013287-23-5 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

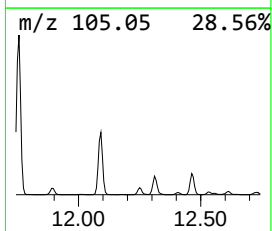
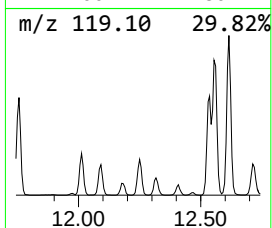
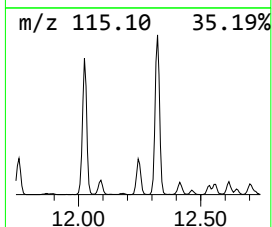
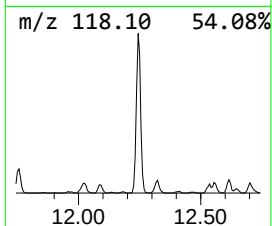
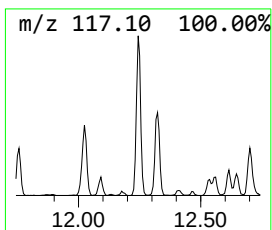
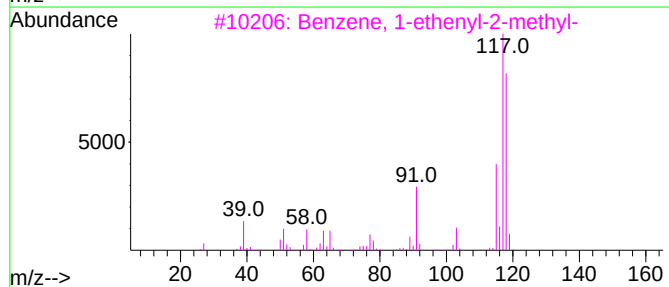
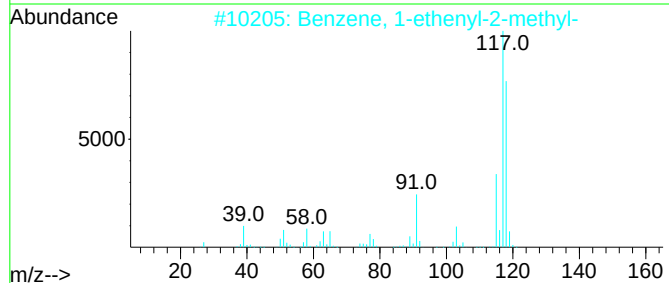
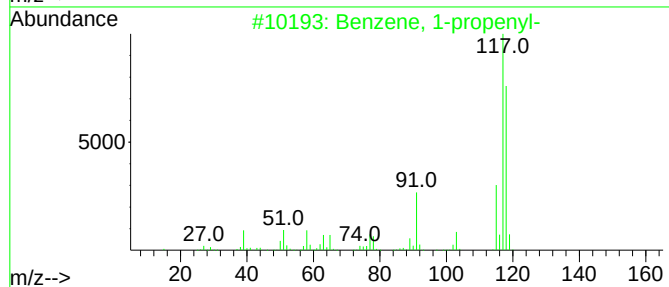
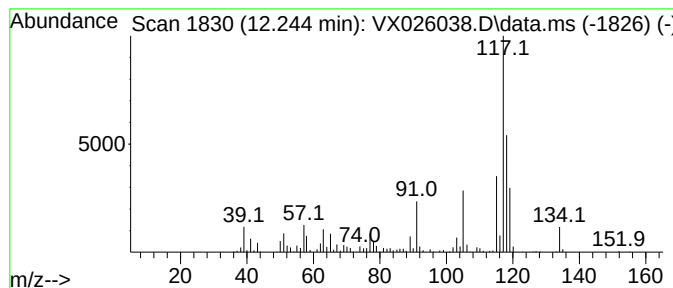
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 15 Benzene, 1-propenyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.244 | 18.01 ug/L | 357092 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 92   |
| 2    |    |   | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4  | 91   |
| 3    |    |   | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4  | 83   |
| 4    |    |   | (Z)-1-Phenylpropene                 | 118 | C9H10   | 000766-90-5  | 83   |
| 5    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

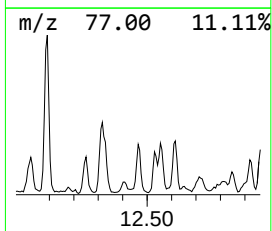
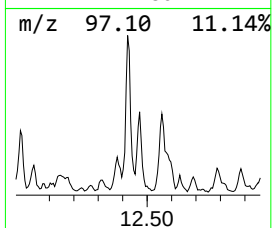
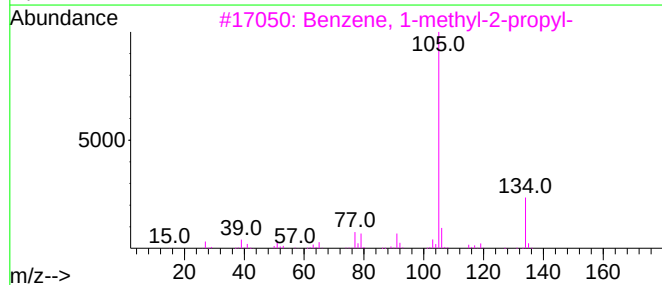
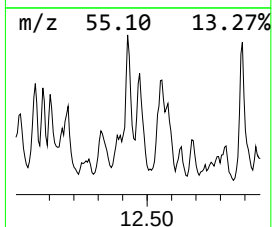
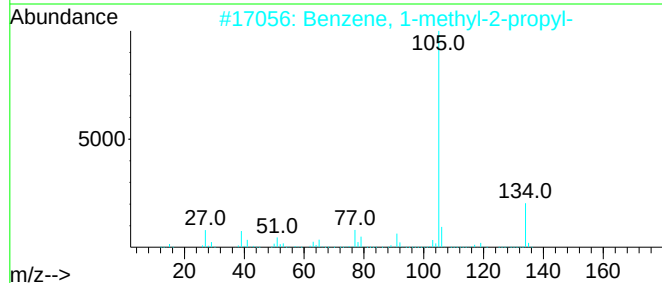
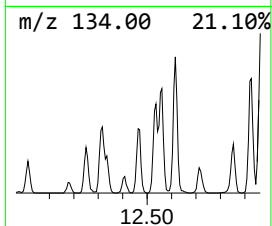
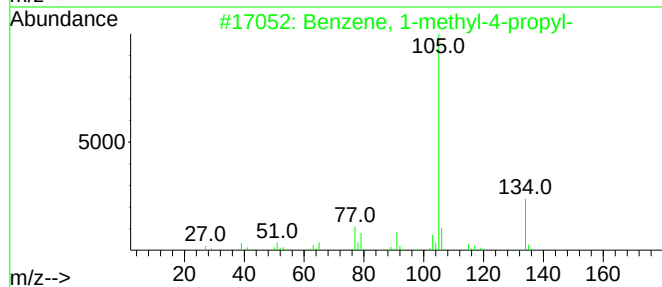
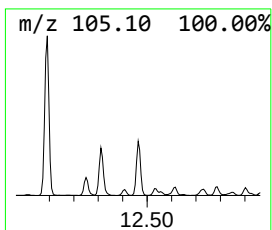
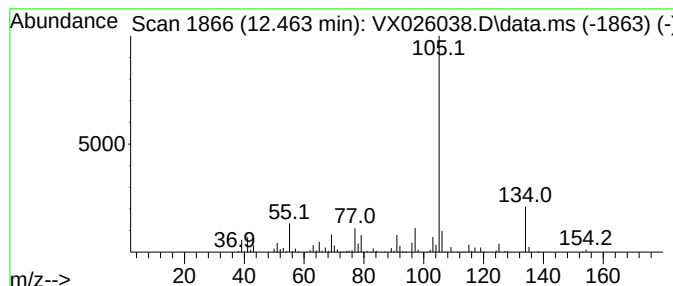
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Quant Title : VOC Analysis

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

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Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.463 | 16.16 ug/L | 320376 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 94   |
| 2    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 76   |
| 3    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 76   |
| 4    |    |   | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 76   |
| 5    |    |   | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

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

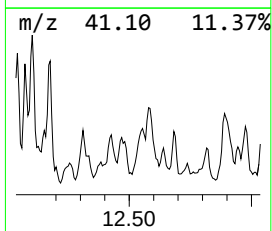
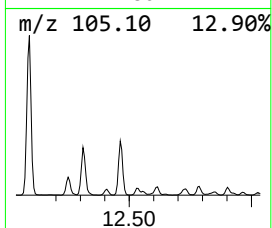
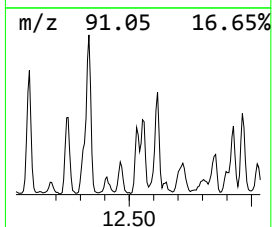
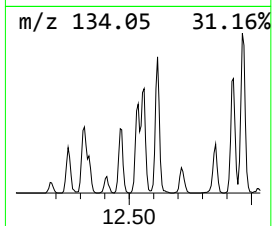
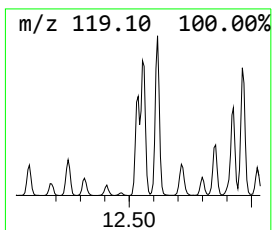
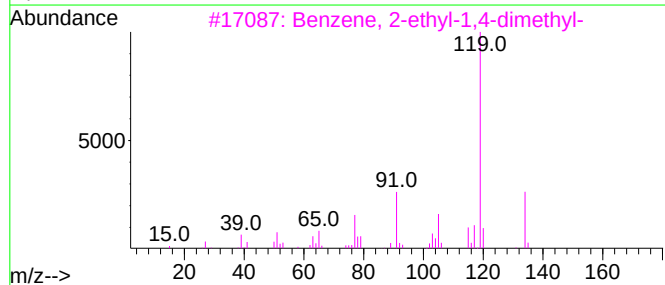
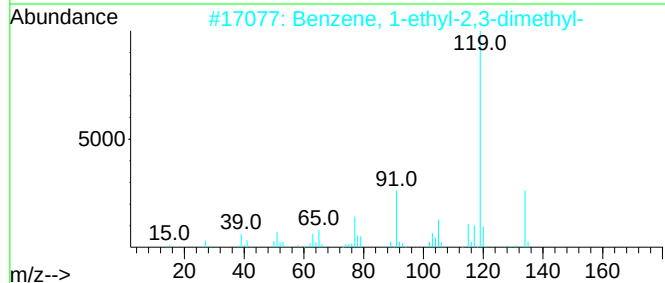
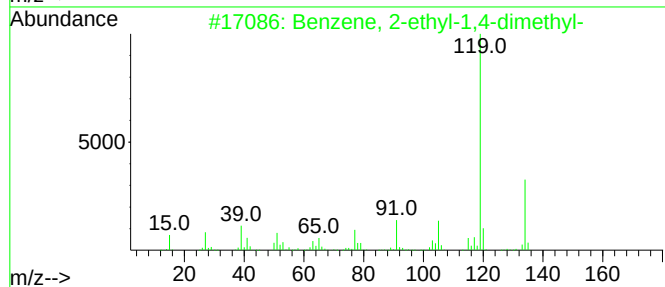
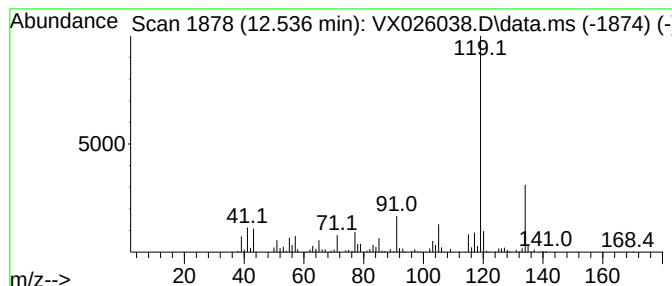
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TIC Integration Parameters: LSCINT.P

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Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.536 | 11.13 ug/L | 220591 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 97   |
| 2    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 96   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 96   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 96   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

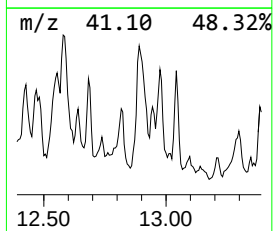
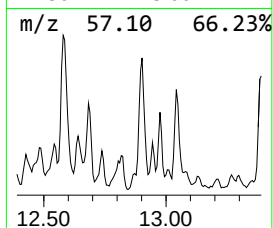
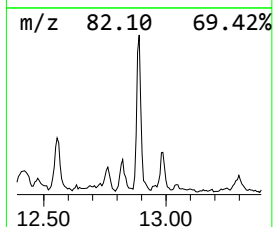
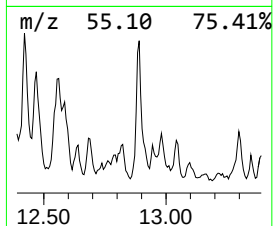
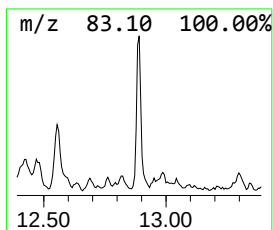
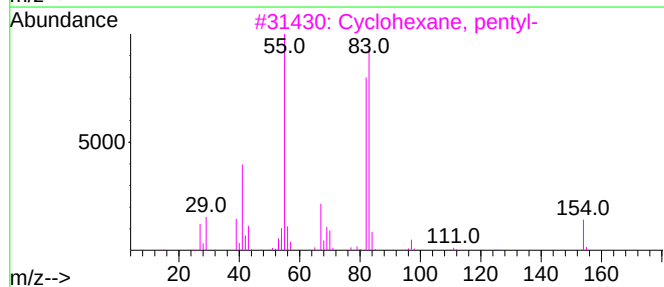
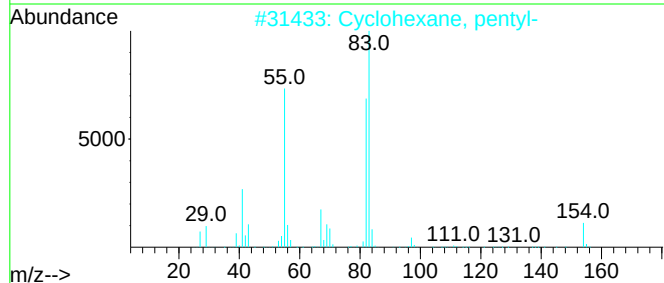
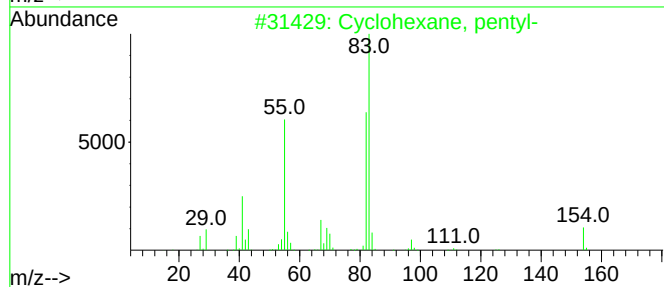
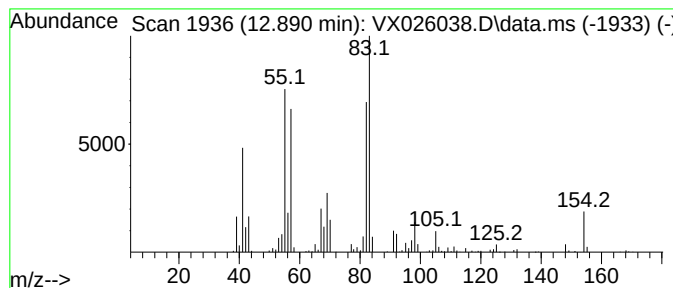
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Quant Title : VOC Analysis

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

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Peak Number 18 (DEL) Alkane: Cyclic12.890 Concentration Rank 12

| R.T.      | EstConc                        | Area   | Relative to ISTD       | R.T.        |      |
|-----------|--------------------------------|--------|------------------------|-------------|------|
| 12.890    | 11.15 ug/L                     | 221016 | 1,4-Dichlorobenzene-d4 | 12.024      |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm                | CAS#        | Qual |
| 1         | Cyclohexane, pentyl-           | 154    | C11H22                 | 004292-92-6 | 83   |
| 2         | Cyclohexane, pentyl-           | 154    | C11H22                 | 004292-92-6 | 74   |
| 3         | Cyclohexane, pentyl-           | 154    | C11H22                 | 004292-92-6 | 74   |
| 4         | Cyclohexane, (4-methylpentyl)- | 168    | C12H24                 | 061142-20-9 | 64   |
| 5         | Cyclohexane, (1-methylethyl)-  | 126    | C9H18                  | 000696-29-7 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

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

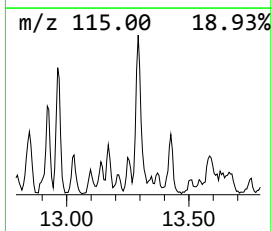
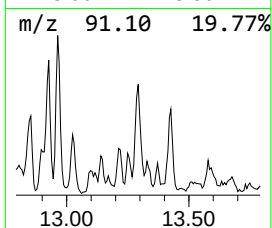
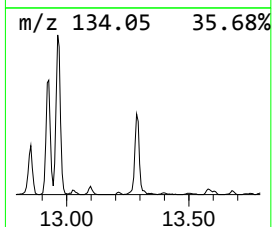
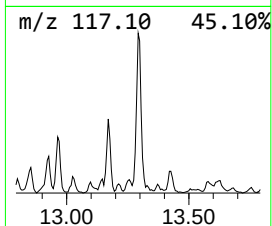
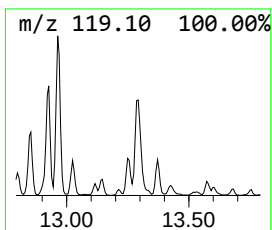
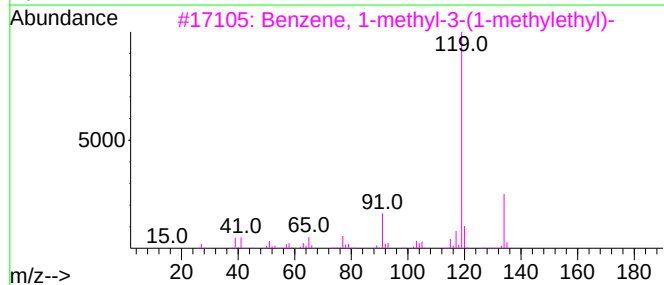
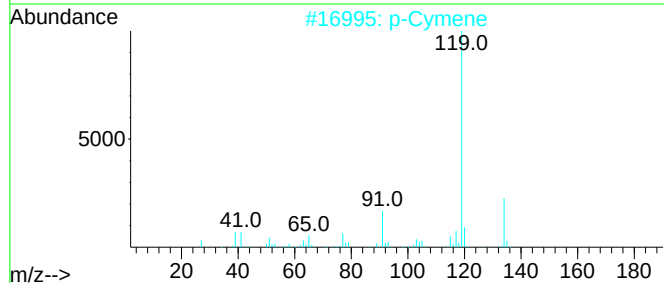
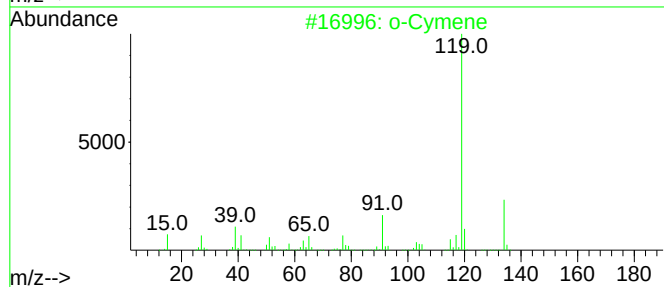
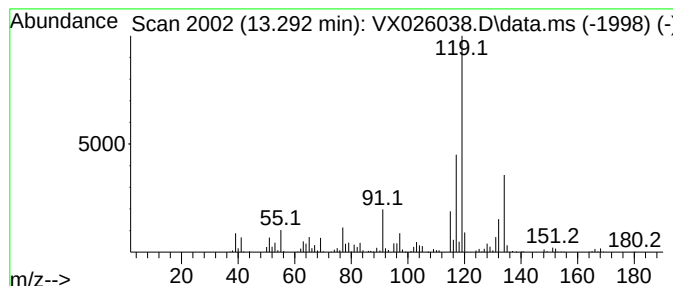
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 o-Cymene Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.292 | 11.88 ug/L | 235489 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 64   |
| 2    |      | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 64   |
| 3    |      | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 60   |
| 4    |      | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 58   |
| 5    |      | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 58   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

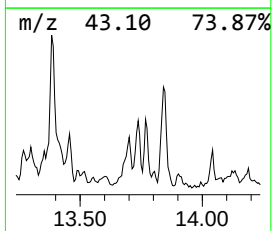
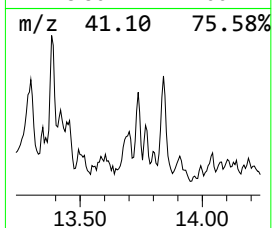
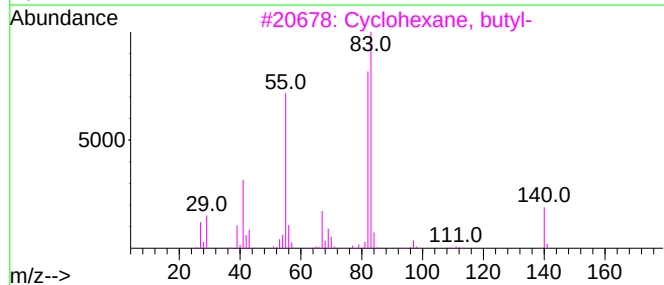
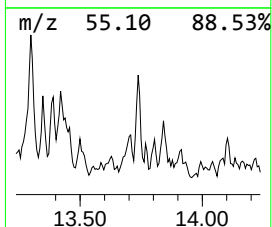
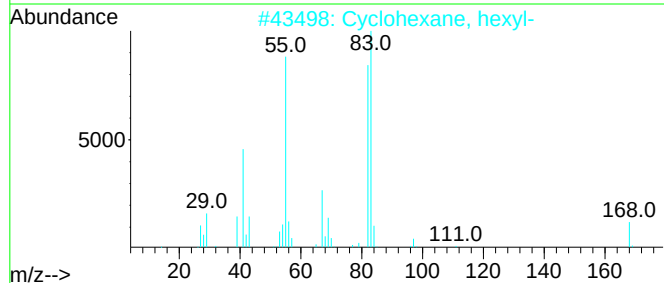
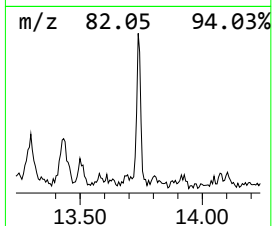
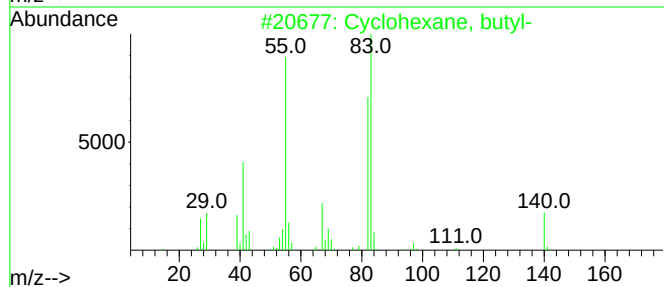
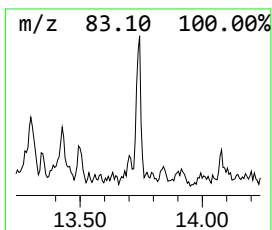
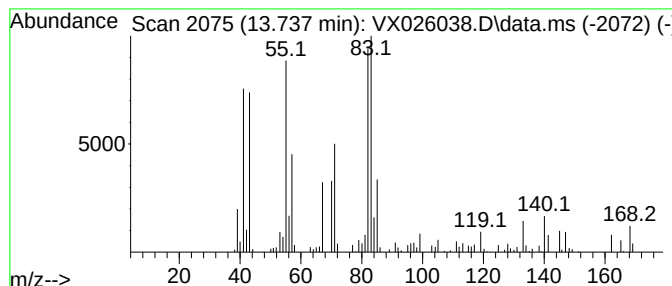
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Quant Title : VOC Analysis

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

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Peak Number 20 (DEL) Alkane: Cyclic13.737 Concentration Rank 23

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.737 | 3.26 ug/L | 64613 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-   | 140 | C10H20  | 001678-93-9 | 49   |
| 2    |    |   | Cyclohexane, hexyl-   | 168 | C12H24  | 004292-75-5 | 49   |
| 3    |    |   | Cyclohexane, butyl-   | 140 | C10H20  | 001678-93-9 | 49   |
| 4    |    |   | Cyclohexane, undecyl- | 238 | C17H34  | 054105-66-7 | 47   |
| 5    |    |   | Cyclohexane, pentyl-  | 154 | C11H22  | 004292-92-6 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

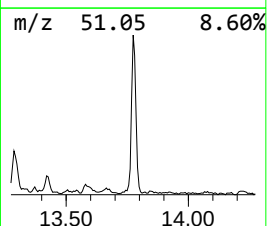
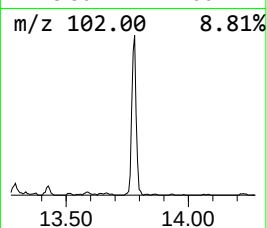
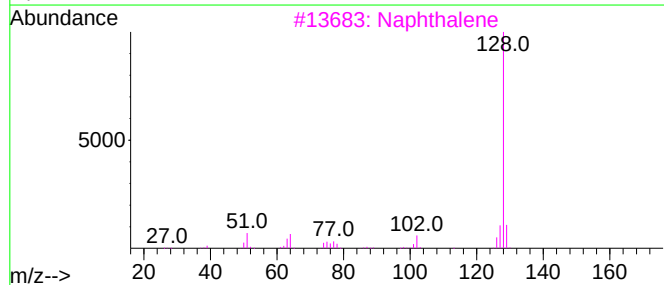
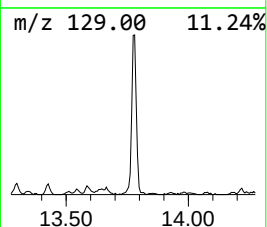
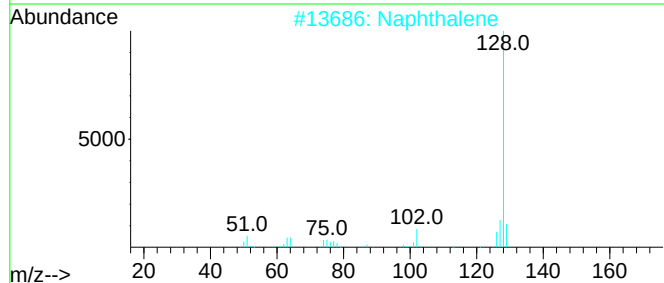
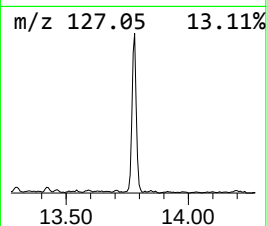
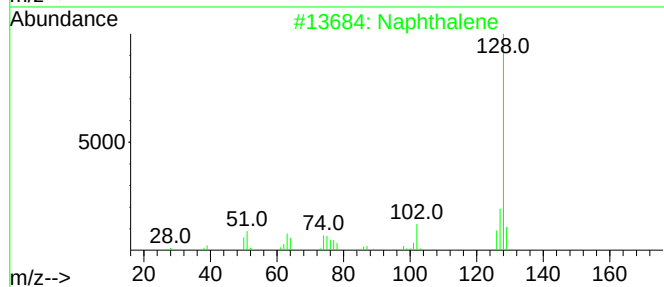
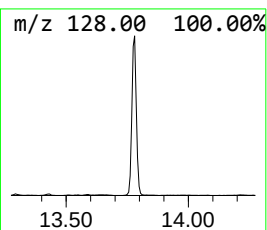
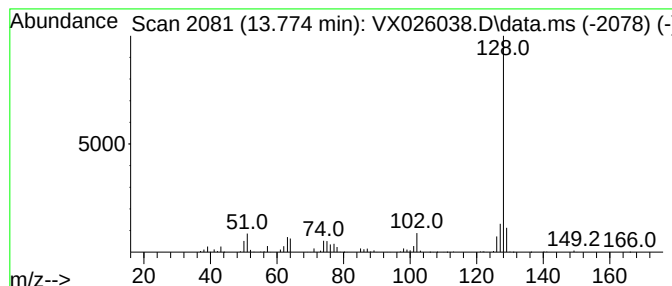
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Quant Title : VOC Analysis

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

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Peak Number 21 Azulene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.774 | 21.52 ug/L | 426532 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 97   |
| 2    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 95   |
| 3    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 94   |
| 4    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |
| 5    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026038.D  
Acq On : 25 Dec 2021 16:54  
Operator : JC/MD  
Sample : M5213-02  
Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLD4

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

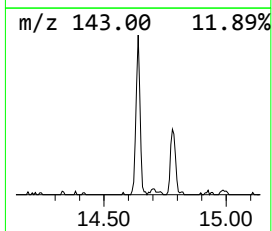
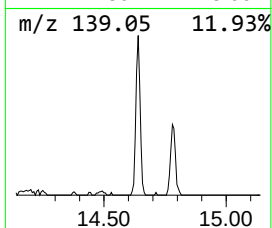
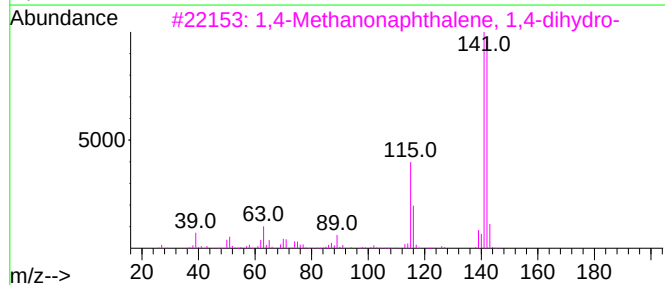
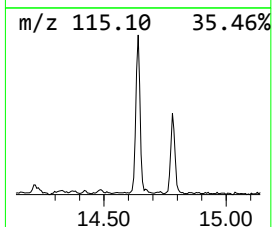
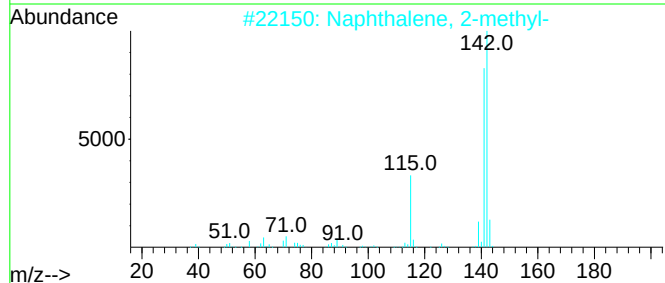
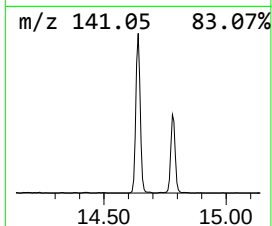
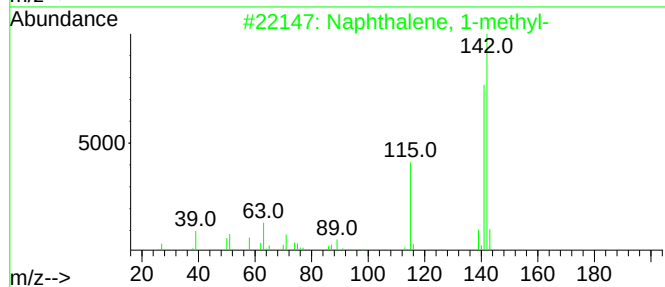
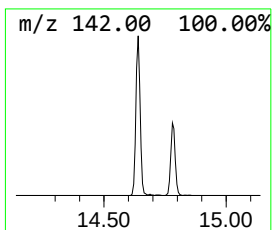
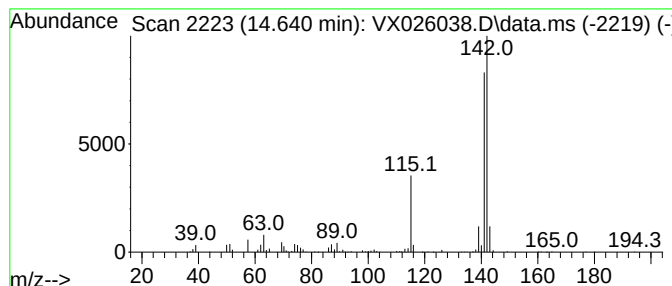
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 22 1,4-Methanonaphthalene, 1,4... Concentration Rank 16

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.640 | 7.38 ug/L | 146279 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 95   |
| 2    |      | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 94   |
| 3    |      | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 94   |
| 4    |      | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 94   |
| 5    |      | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
 Data File : VX026038.D  
 Acq On : 25 Dec 2021 16:54  
 Operator : JC/MD  
 Sample : M5213-02  
 Misc : 6.19G/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGLD4

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 |
| (DEL) Alkane: S... | 9.903  | 4.3     | ug/L  | 62900    | 2                     | 10.055 | 732510 | 50.0 |
| unknown-01         | 10.586 | 7.3     | ug/L  | 107189   | 2                     | 10.055 | 732510 | 50.0 |
| (DEL) Alkane: S... | 10.781 | 14.0    | ug/L  | 205279   | 2                     | 10.055 | 732510 | 50.0 |
| (DEL) Alkane: C... | 10.854 | 16.4    | ug/L  | 239695   | 2                     | 10.055 | 732510 | 50.0 |
| (DEL) Alkane: S... | 10.896 | 6.7     | ug/L  | 98576    | 2                     | 10.055 | 732510 | 50.0 |
| (DEL) Alkane: S... | 11.031 | 7.0     | ug/L  | 102860   | 2                     | 10.055 | 732510 | 50.0 |
| Benzene, propyl-   | 11.305 | 7.8     | ug/L  | 155614   | 3                     | 12.024 | 991107 | 50.0 |
| Benzene, 1-ethy... | 11.402 | 14.3    | ug/L  | 282941   | 3                     | 12.024 | 991107 | 50.0 |
| (DEL) Alkane: S... | 11.683 | 5.8     | ug/L  | 115983   | 3                     | 12.024 | 991107 | 50.0 |
| (DEL) Alkane: S... | 11.841 | 8.7     | ug/L  | 172192   | 3                     | 12.024 | 991107 | 50.0 |
| (DEL) Alkane: C... | 11.945 | 12.3    | ug/L  | 243597   | 3                     | 12.024 | 991107 | 50.0 |
| Benzene, 1-ethy... | 12.091 | 48.1    | ug/L  | 953781   | 3                     | 12.024 | 991107 | 50.0 |
| (DEL) Alkane: S... | 12.177 | 16.8    | ug/L  | 333141   | 3                     | 12.024 | 991107 | 50.0 |
| Benzene, 1-prop... | 12.244 | 18.0    | ug/L  | 357092   | 3                     | 12.024 | 991107 | 50.0 |
| Benzene, 1-meth... | 12.463 | 16.2    | ug/L  | 320376   | 3                     | 12.024 | 991107 | 50.0 |
| Benzene, 2-ethy... | 12.536 | 11.1    | ug/L  | 220591   | 3                     | 12.024 | 991107 | 50.0 |
| (DEL) Alkane: C... | 12.890 | 11.2    | ug/L  | 221016   | 3                     | 12.024 | 991107 | 50.0 |
| o-Cymene           | 13.292 | 11.9    | ug/L  | 235489   | 3                     | 12.024 | 991107 | 50.0 |
| (DEL) Alkane: C... | 13.737 | 3.3     | ug/L  | 64613    | 3                     | 12.024 | 991107 | 50.0 |
| Azulene            | 13.774 | 21.5    | ug/L  | 426532   | 3                     | 12.024 | 991107 | 50.0 |
| 1,4-Methanonaph... | 14.640 | 7.4     | ug/L  | 146279   | 3                     | 12.024 | 991107 | 50.0 |