

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
 Data File : VW017265.D  
 Acq On : 16 Nov 2020 18:28  
 Operator : SY/VA  
 Sample : L4727-13RE  
 Misc : 4.02G/10ML/MSVOA W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AC8RE

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.154    | 37         | 41       | 46        | rBV5  | 1132        | 2671       | 0.13%        | 0.013%     |
| 2      | 2.355    | 65         | 74       | 86        | rBV   | 91852       | 176953     | 8.59%        | 0.841%     |
| 3      | 2.642    | 115        | 121      | 124       | rBV5  | 2306        | 4462       | 0.22%        | 0.021%     |
| 4      | 2.891    | 154        | 162      | 177       | rVB   | 70193       | 170120     | 8.26%        | 0.808%     |
| 5      | 3.355    | 233        | 238      | 240       | rBV3  | 257         | 358        | 0.02%        | 0.002%     |
| 6      | 3.373    | 240        | 241      | 243       | rVV   | 408         | 363        | 0.02%        | 0.002%     |
| 7      | 3.397    | 243        | 245      | 246       | rVV2  | 552         | 403        | 0.02%        | 0.002%     |
| 8      | 3.501    | 259        | 262      | 264       | rBV2  | 296         | 399        | 0.02%        | 0.002%     |
| 9      | 4.019    | 336        | 347      | 360       | rBV   | 146774      | 443803     | 21.54%       | 2.108%     |
| 10     | 4.397    | 401        | 409      | 421       | rBV2  | 6100        | 19717      | 0.96%        | 0.094%     |
| 11     | 4.507    | 424        | 427      | 429       | rVB3  | 334         | 380        | 0.02%        | 0.002%     |
| 12     | 4.611    | 438        | 444      | 452       | rBV2  | 1624        | 3726       | 0.18%        | 0.018%     |
| 13     | 4.922    | 484        | 495      | 510       | rBV2  | 12209       | 44826      | 2.18%        | 0.213%     |
| 14     | 5.117    | 523        | 527      | 528       | rBV   | 343         | 383        | 0.02%        | 0.002%     |
| 15     | 5.946    | 655        | 663      | 673       | rVB4  | 2399        | 7355       | 0.36%        | 0.035%     |
| 16     | 6.988    | 831        | 834      | 838       | rBV2  | 286         | 377        | 0.02%        | 0.002%     |
| 17     | 7.080    | 838        | 849      | 854       | rBV   | 27416       | 78554      | 3.81%        | 0.373%     |
| 18     | 7.549    | 924        | 926      | 928       | rVB2  | 460         | 362        | 0.02%        | 0.002%     |
| 19     | 7.653    | 932        | 943      | 957       | rBV   | 230432      | 566094     | 27.48%       | 2.689%     |
| 20     | 7.958    | 986        | 993      | 997       | rBV3  | 688         | 1255       | 0.06%        | 0.006%     |
| 21     | 8.275    | 1030       | 1045     | 1063      | rBV2  | 442687      | 1289179    | 62.57%       | 6.124%     |
| 22     | 8.622    | 1099       | 1102     | 1108      | rVB3  | 334         | 658        | 0.03%        | 0.003%     |
| 23     | 8.683    | 1108       | 1112     | 1113      | rBV2  | 378         | 442        | 0.02%        | 0.002%     |
| 24     | 8.842    | 1129       | 1138     | 1147      | rBV   | 445621      | 901319     | 43.75%       | 4.281%     |
| 25     | 8.909    | 1147       | 1149     | 1150      | rVB2  | 760         | 531        | 0.03%        | 0.003%     |
| 26     | 8.957    | 1156       | 1157     | 1161      | rBV2  | 386         | 349        | 0.02%        | 0.002%     |
| 27     | 9.079    | 1169       | 1177     | 1183      | rVB5  | 2232        | 5007       | 0.24%        | 0.024%     |
| 28     | 9.274    | 1201       | 1209     | 1219      | rBV   | 284052      | 578761     | 28.09%       | 2.749%     |
| 29     | 9.463    | 1236       | 1240     | 1245      | rVB2  | 591         | 1006       | 0.05%        | 0.005%     |
| 30     | 9.659    | 1265       | 1272     | 1278      | rBV3  | 895         | 1875       | 0.09%        | 0.009%     |
| 31     | 9.762    | 1282       | 1289     | 1295      | rBV2  | 8702        | 18001      | 0.87%        | 0.086%     |
| 32     | 9.896    | 1302       | 1311     | 1320      | rBV   | 24483       | 50740      | 2.46%        | 0.241%     |
| 33     | 10.037   | 1326       | 1334     | 1347      | rBV   | 133778      | 242491     | 11.77%       | 1.152%     |
| 34     | 10.219   | 1358       | 1364     | 1365      | rBV3  | 1892        | 2908       | 0.14%        | 0.014%     |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 10.250 | 1365 | 1369 | 1374 | rVV2 | 8558   | 14420   | 0.70%  | 0.068% |
| 36 | 10.323 | 1374 | 1381 | 1389 | rVV  | 584634 | 1049212 | 50.93% | 4.984% |
| 37 | 10.390 | 1389 | 1392 | 1403 | rVB2 | 7377   | 15826   | 0.77%  | 0.075% |
| 38 | 10.488 | 1403 | 1408 | 1409 | rBV3 | 1565   | 2359    | 0.11%  | 0.011% |
| 39 | 10.518 | 1409 | 1413 | 1416 | rVB5 | 2527   | 3511    | 0.17%  | 0.017% |
| 40 | 10.579 | 1416 | 1423 | 1429 | rBV  | 79446  | 136830  | 6.64%  | 0.650% |
| 41 | 10.707 | 1437 | 1444 | 1451 | rBV  | 52850  | 95236   | 4.62%  | 0.452% |
| 42 | 10.774 | 1451 | 1455 | 1463 | rVB3 | 6268   | 10686   | 0.52%  | 0.051% |
| 43 | 10.860 | 1463 | 1469 | 1473 | rBV6 | 2251   | 3839    | 0.19%  | 0.018% |
| 44 | 10.927 | 1473 | 1480 | 1491 | rBV  | 96448  | 164817  | 8.00%  | 0.783% |
| 45 | 11.024 | 1492 | 1496 | 1498 | rVV3 | 1980   | 3695    | 0.18%  | 0.018% |
| 46 | 11.067 | 1498 | 1503 | 1511 | rVV2 | 19318  | 32519   | 1.58%  | 0.154% |
| 47 | 11.177 | 1517 | 1521 | 1527 | rVB6 | 1538   | 2887    | 0.14%  | 0.014% |
| 48 | 11.274 | 1535 | 1537 | 1540 | rBV4 | 443    | 548     | 0.03%  | 0.003% |
| 49 | 11.341 | 1545 | 1548 | 1553 | rVB3 | 1409   | 2165    | 0.11%  | 0.010% |
| 50 | 11.439 | 1553 | 1564 | 1575 | rBV  | 29729  | 51492   | 2.50%  | 0.245% |
| 51 | 11.530 | 1575 | 1579 | 1586 | rBV3 | 2193   | 4729    | 0.23%  | 0.022% |
| 52 | 11.634 | 1586 | 1596 | 1604 | rBV  | 515932 | 882246  | 42.82% | 4.191% |
| 53 | 11.786 | 1619 | 1621 | 1623 | rVB  | 580    | 392     | 0.02%  | 0.002% |
| 54 | 11.841 | 1623 | 1630 | 1633 | rBV2 | 4845   | 8650    | 0.42%  | 0.041% |
| 55 | 11.878 | 1633 | 1636 | 1641 | rVB3 | 3550   | 5742    | 0.28%  | 0.027% |
| 56 | 11.933 | 1641 | 1645 | 1646 | rBV2 | 438    | 582     | 0.03%  | 0.003% |
| 57 | 11.981 | 1649 | 1653 | 1657 | rVV4 | 887    | 1520    | 0.07%  | 0.007% |
| 58 | 12.067 | 1661 | 1667 | 1670 | rVV4 | 1230   | 1836    | 0.09%  | 0.009% |
| 59 | 12.164 | 1678 | 1683 | 1691 | rVB4 | 3458   | 6882    | 0.33%  | 0.033% |
| 60 | 12.237 | 1691 | 1695 | 1696 | rBV3 | 654    | 823     | 0.04%  | 0.004% |
| 61 | 12.256 | 1696 | 1698 | 1701 | rVV4 | 823    | 776     | 0.04%  | 0.004% |
| 62 | 12.292 | 1701 | 1704 | 1705 | rVB2 | 389    | 392     | 0.02%  | 0.002% |
| 63 | 12.371 | 1713 | 1717 | 1720 | rBV4 | 1371   | 1863    | 0.09%  | 0.009% |
| 64 | 12.469 | 1727 | 1733 | 1741 | rVB9 | 3370   | 6409    | 0.31%  | 0.030% |
| 65 | 12.609 | 1749 | 1756 | 1762 | rBV  | 91981  | 154653  | 7.51%  | 0.735% |
| 66 | 12.695 | 1763 | 1770 | 1777 | rVB  | 183613 | 304623  | 14.79% | 1.447% |
| 67 | 12.774 | 1777 | 1783 | 1790 | rBV7 | 6492   | 15529   | 0.75%  | 0.074% |
| 68 | 12.871 | 1795 | 1799 | 1800 | rBV3 | 3910   | 4577    | 0.22%  | 0.022% |
| 69 | 12.938 | 1805 | 1810 | 1821 | rVB5 | 14542  | 41118   | 2.00%  | 0.195% |
| 70 | 13.079 | 1829 | 1833 | 1837 | rBV7 | 4339   | 7312    | 0.35%  | 0.035% |
| 71 | 13.134 | 1838 | 1842 | 1848 | rBV  | 18407  | 27886   | 1.35%  | 0.132% |

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Filtering: 5  
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 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 72  | 13.188 | 1848 | 1851 | 1856 | rBV5 | 5016   | 9056    | 0.44%   | 0.043% |
| 73  | 13.249 | 1858 | 1861 | 1865 | rBV3 | 7903   | 14109   | 0.68%   | 0.067% |
| 74  | 13.298 | 1865 | 1869 | 1878 | rVB2 | 29567  | 47540   | 2.31%   | 0.226% |
| 75  | 13.414 | 1879 | 1888 | 1890 | rBV7 | 11228  | 30991   | 1.50%   | 0.147% |
| 76  | 13.560 | 1906 | 1912 | 1922 | rBV  | 291177 | 511448  | 24.82%  | 2.429% |
| 77  | 13.701 | 1931 | 1935 | 1939 | rVB3 | 15404  | 22561   | 1.10%   | 0.107% |
| 78  | 13.786 | 1945 | 1949 | 1954 | rBV  | 55762  | 86119   | 4.18%   | 0.409% |
| 79  | 13.853 | 1955 | 1960 | 1970 | rVB  | 270175 | 513553  | 24.93%  | 2.439% |
| 80  | 14.011 | 1982 | 1986 | 1989 | rBV3 | 57393  | 98115   | 4.76%   | 0.466% |
| 81  | 14.200 | 2013 | 2017 | 2021 | rBV  | 67449  | 109572  | 5.32%   | 0.520% |
| 82  | 14.249 | 2021 | 2025 | 2034 | rVB  | 109711 | 219465  | 10.65%  | 1.042% |
| 83  | 14.341 | 2035 | 2040 | 2043 | rBV2 | 84800  | 138139  | 6.71%   | 0.656% |
| 84  | 14.383 | 2043 | 2047 | 2050 | rBV2 | 124638 | 193738  | 9.40%   | 0.920% |
| 85  | 14.420 | 2050 | 2053 | 2056 | rVV2 | 137398 | 238319  | 11.57%  | 1.132% |
| 86  | 14.456 | 2056 | 2059 | 2063 | rVV  | 302220 | 434317  | 21.08%  | 2.063% |
| 87  | 14.505 | 2063 | 2067 | 2069 | rVV  | 116084 | 174312  | 8.46%   | 0.828% |
| 88  | 14.548 | 2070 | 2074 | 2081 | rVB4 | 191877 | 399668  | 19.40%  | 1.898% |
| 89  | 14.731 | 2101 | 2104 | 2109 | rVB2 | 127130 | 183989  | 8.93%   | 0.874% |
| 90  | 14.792 | 2109 | 2114 | 2121 | rBV2 | 542986 | 1048447 | 50.89%  | 4.980% |
| 91  | 14.877 | 2122 | 2128 | 2129 | rBV4 | 125333 | 239081  | 11.60%  | 1.136% |
| 92  | 14.981 | 2140 | 2145 | 2152 | rBV3 | 142968 | 383539  | 18.62%  | 1.822% |
| 93  | 15.066 | 2153 | 2159 | 2171 | rBV4 | 574580 | 2060237 | 100.00% | 9.786% |
| 94  | 15.176 | 2172 | 2177 | 2184 | rVB2 | 612304 | 1329207 | 64.52%  | 6.314% |
| 95  | 15.322 | 2197 | 2201 | 2211 | rVB6 | 251428 | 692353  | 33.61%  | 3.289% |
| 96  | 15.420 | 2214 | 2217 | 2221 | rBV2 | 182412 | 338793  | 16.44%  | 1.609% |
| 97  | 15.657 | 2252 | 2256 | 2262 | rBV2 | 302933 | 541025  | 26.26%  | 2.570% |
| 98  | 16.017 | 2310 | 2315 | 2321 | rBV3 | 410944 | 1032121 | 50.10%  | 4.903% |
| 99  | 16.170 | 2335 | 2340 | 2351 | rVB3 | 527296 | 1188129 | 57.67%  | 5.644% |
| 100 | 16.633 | 2411 | 2416 | 2425 | rBV8 | 349666 | 1090461 | 52.93%  | 5.180% |

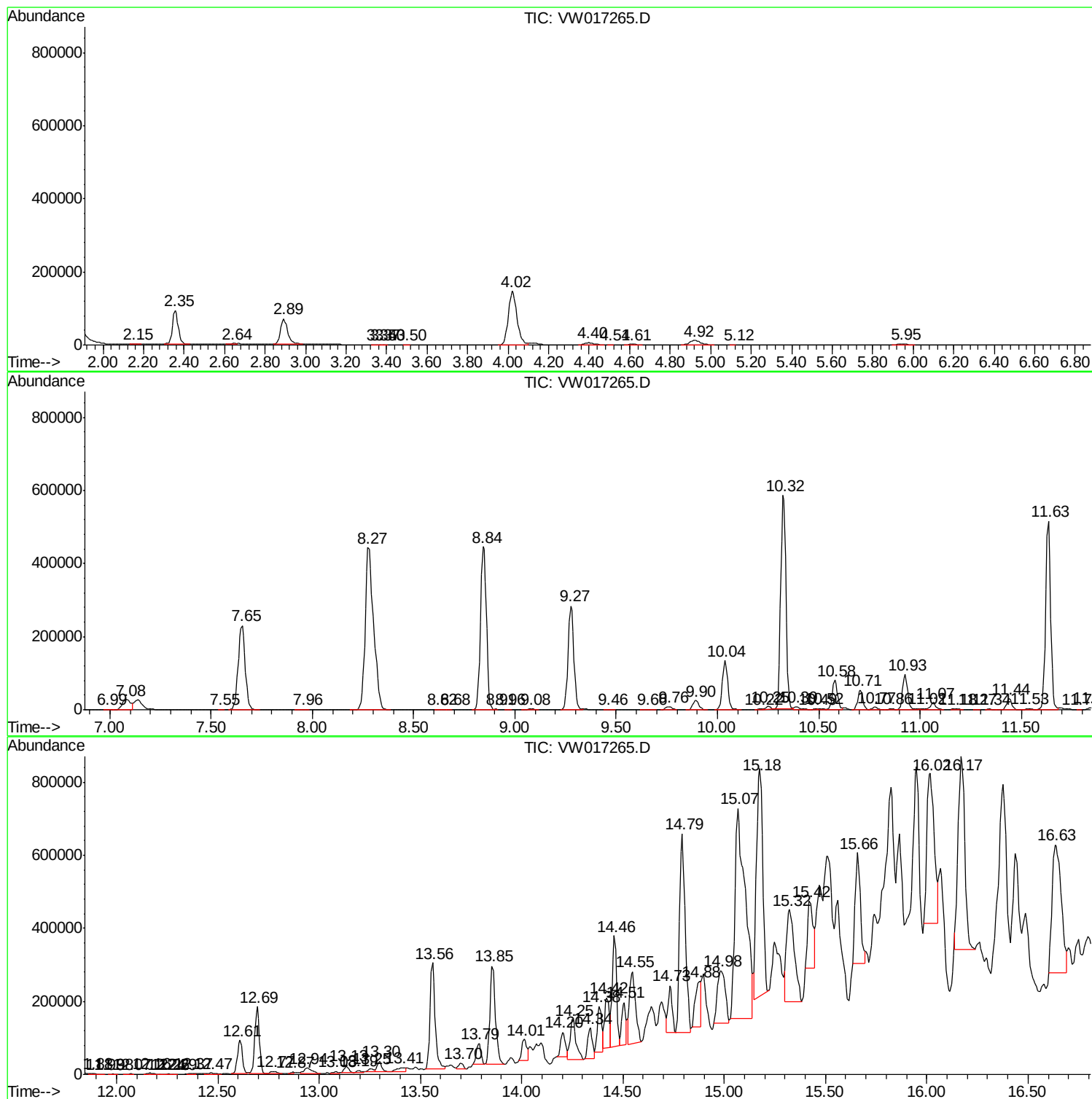
Sum of corrected areas: 21052814

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
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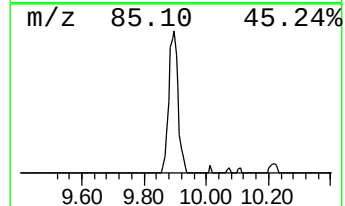
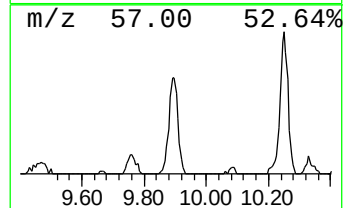
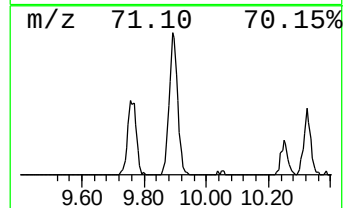
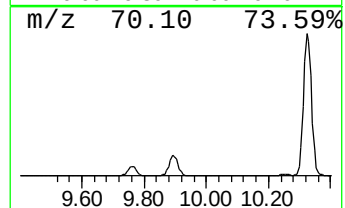
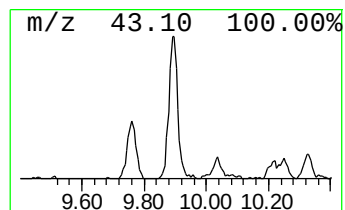
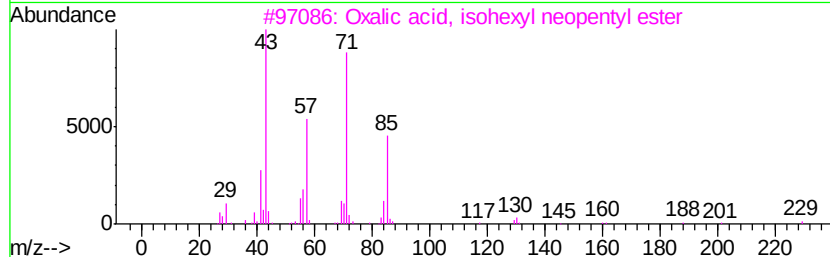
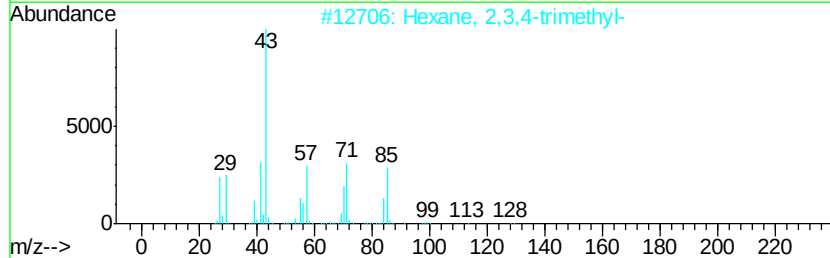
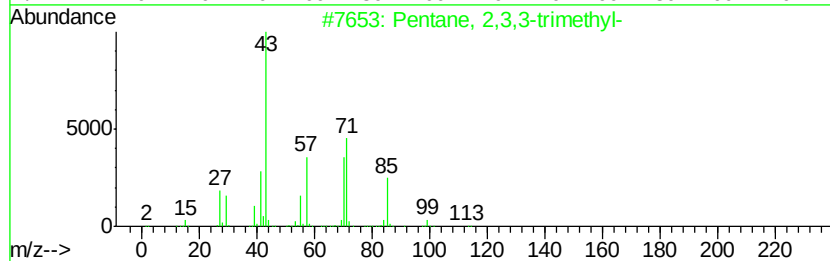
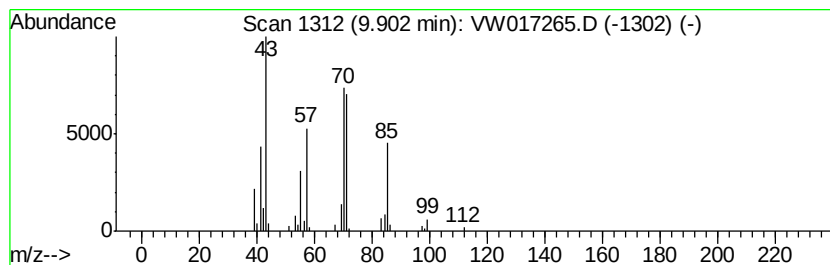
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 9.90 | 1.41 ug/L | 50740 | 1,4-Difluorobenzene | 8.85 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Pentane, 2,3,3-trimethyl-           | 114 | C8H18     | 000560-21-4  | 72   |
| 2    |    |   | Hexane, 2,3,4-trimethyl-            | 128 | C9H20     | 000921-47-1  | 72   |
| 3    |    |   | Oxalic acid, isohexyl neopentyl ... | 244 | C13H24O4  | 1000309-73-0 | 64   |
| 4    |    |   | Sulfurous acid, hexyl 2-pentyl e... | 236 | C11H24O3S | 1000309-15-6 | 59   |
| 5    |    |   | Hexane, 2,3,4-trimethyl-            | 128 | C9H20     | 000921-47-1  | 56   |



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Quant Title : VOC Analysis

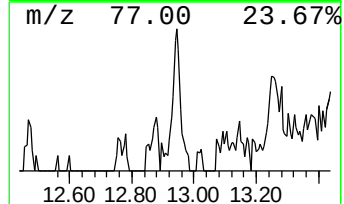
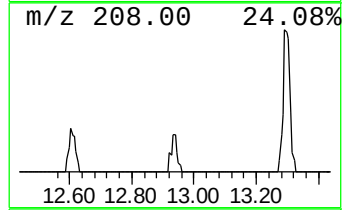
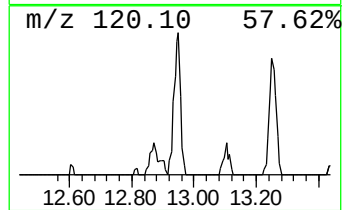
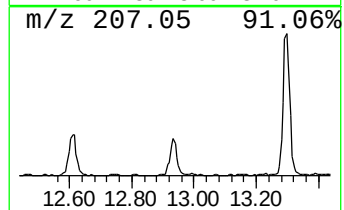
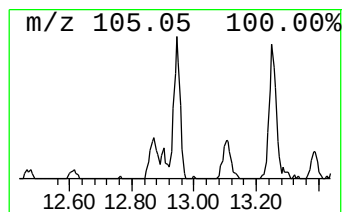
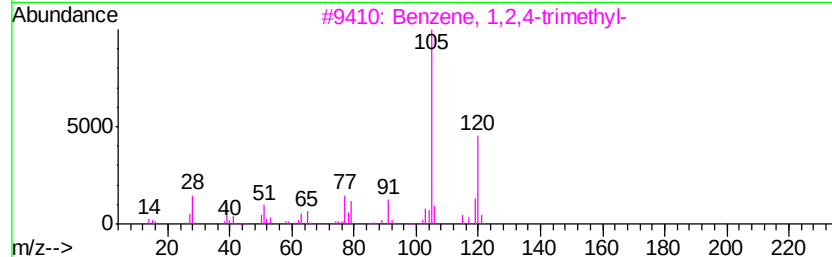
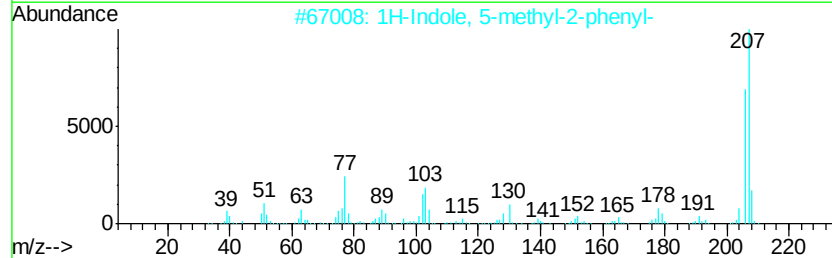
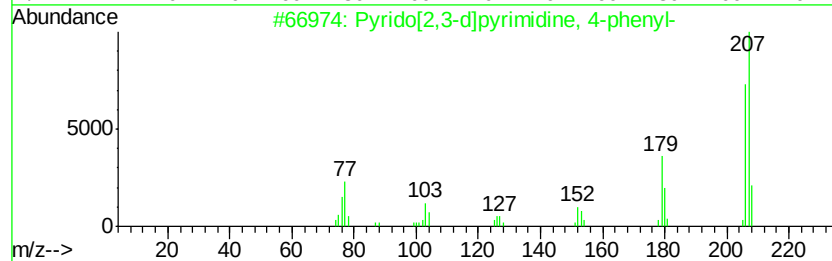
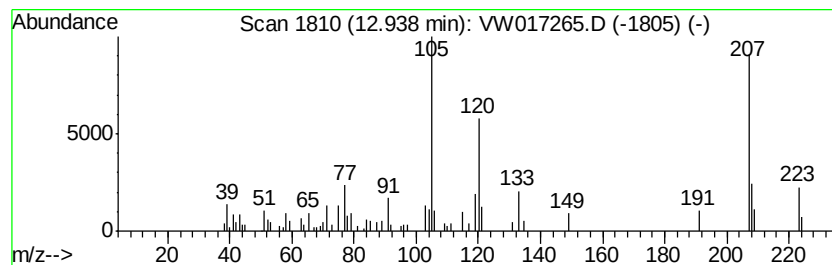
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown-01 Concentration Rank 27

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 12.94 | 2.01 ug/L | 41118 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pyrido[2,3-d]pyrimidine, 4-phenyl-  | 207 | C13H9N3 | 028732-75-4 | 27   |
| 2    |    | 1H-Indole, 5-methyl-2-phenyl-       | 207 | C15H13N | 013228-36-9 | 27   |
| 3    |    | Benzene, 1,2,4-trimethyl-           | 120 | C9H12   | 000095-63-6 | 25   |
| 4    |    | 2,3,4,6-Tetrafluorophenyl isothi... | 207 | C7HF4NS | 084348-86-7 | 22   |
| 5    |    | Mesitylene                          | 120 | C9H12   | 000108-67-8 | 18   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

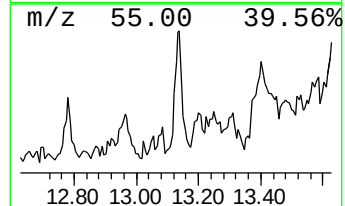
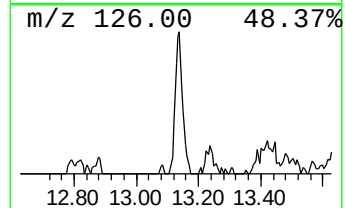
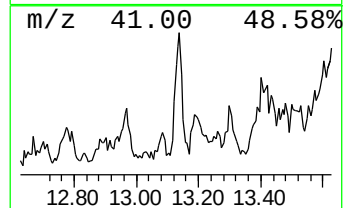
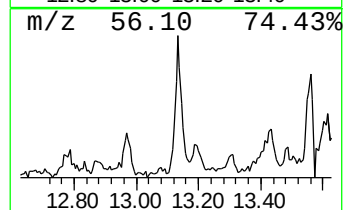
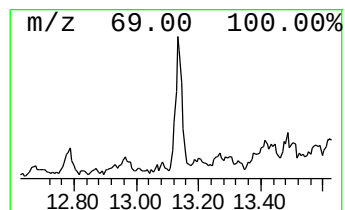
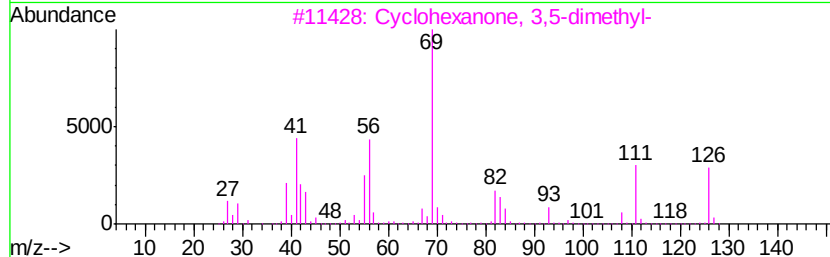
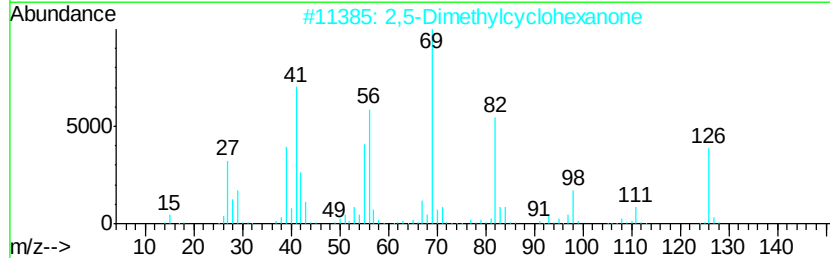
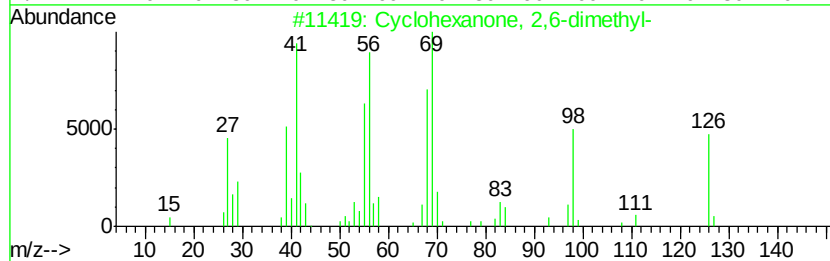
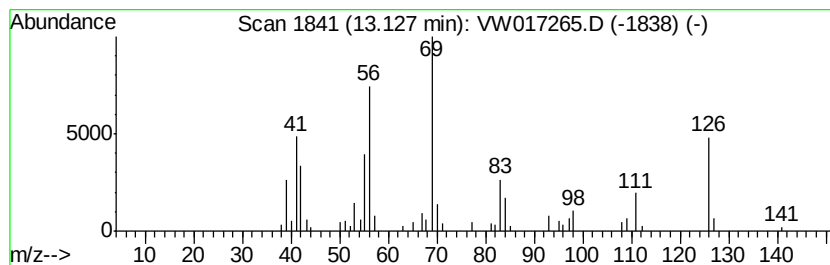
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Cyclohexanone, 2,6-dimethyl- Concentration Rank 31

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 13.13 | 1.36 ug/L | 27886 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexanone, 2,6-dimethyl- | 126 | C8H14O  | 002816-57-1 | 80   |
| 2    |    | 2,5-Dimethylcyclohexanone    | 126 | C8H14O  | 000932-51-4 | 80   |
| 3    |    | Cyclohexanone, 3,5-dimethyl- | 126 | C8H14O  | 002320-30-1 | 80   |
| 4    |    | 3,4-Dimethyl cyclohexanone   | 126 | C8H14O  | 005465-09-8 | 50   |
| 5    |    | 2-Hexene, 4-methyl-, (E)-    | 98  | C7H14   | 003683-22-5 | 38   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

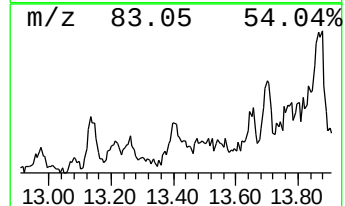
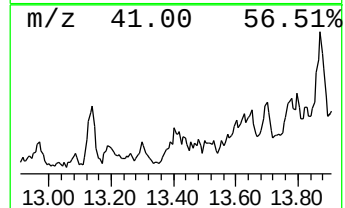
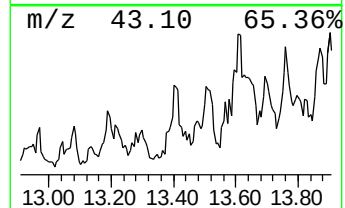
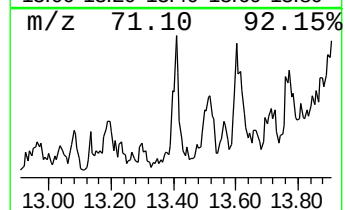
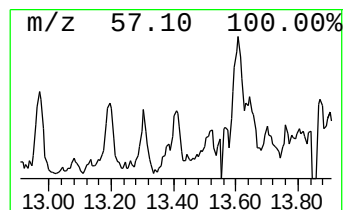
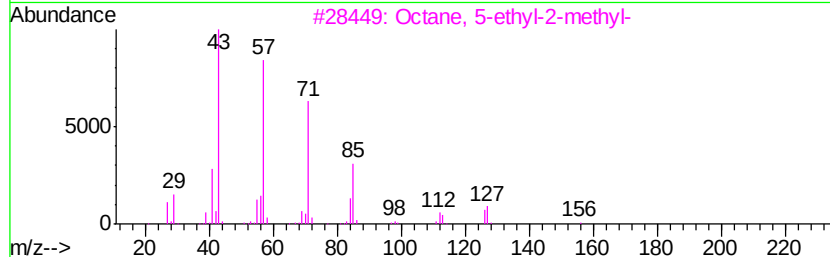
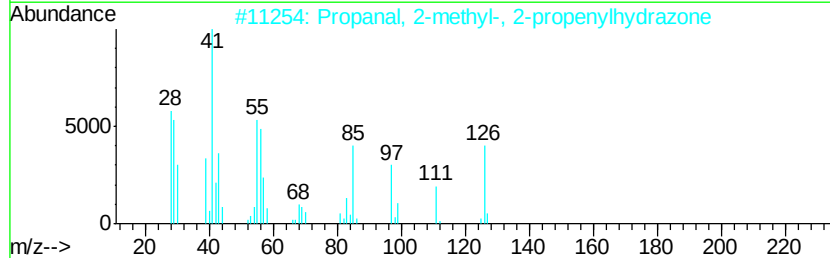
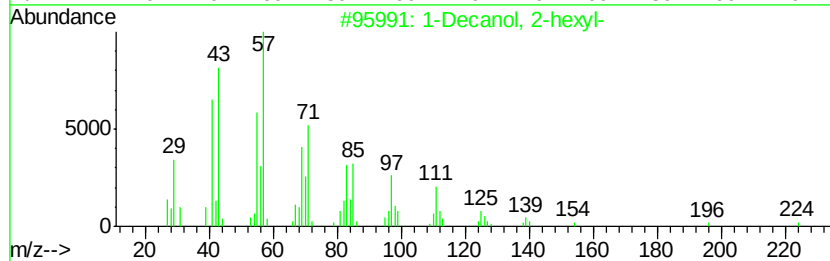
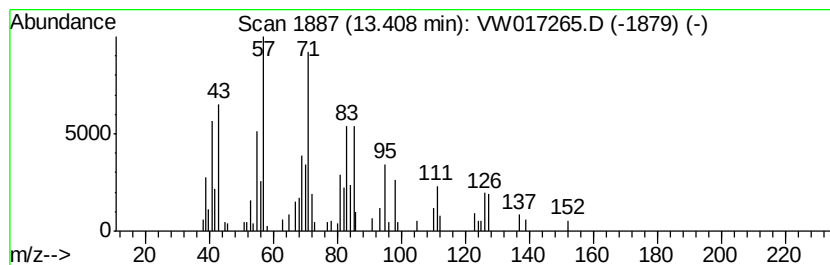
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 unknown-02 Concentration Rank 28

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 13.41 | 1.51 ug/L | 30991 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | 1-Decanol, 2-hexyl-                 | 242 | C16H34O | 002425-77-6 | 43   |
| 2       |   | Propanal, 2-methyl-, 2-propenylh... | 126 | C7H14N2 | 066075-08-9 | 35   |
| 3       |   | Octane, 5-ethyl-2-methyl-           | 156 | C11H24  | 062016-18-6 | 27   |
| 4       |   | Cycloheptanone, 3-methyl-           | 126 | C8H14O  | 000933-17-5 | 25   |
| 5       |   | 1-Methyl-3,3-pentamethylenediazi... | 126 | C7H14N2 | 026177-34-4 | 25   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

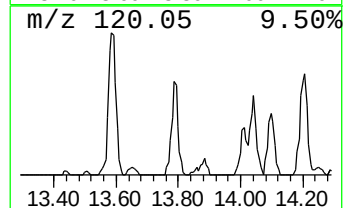
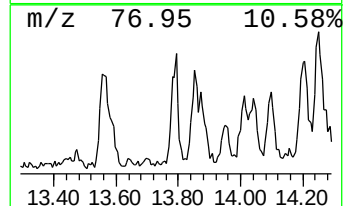
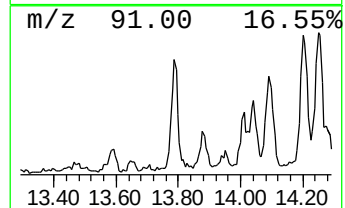
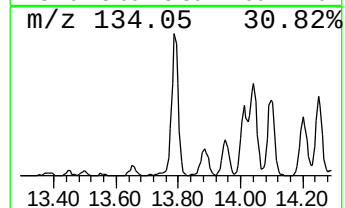
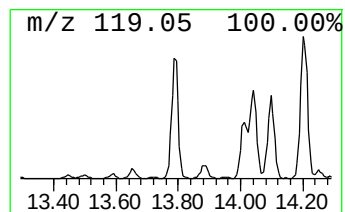
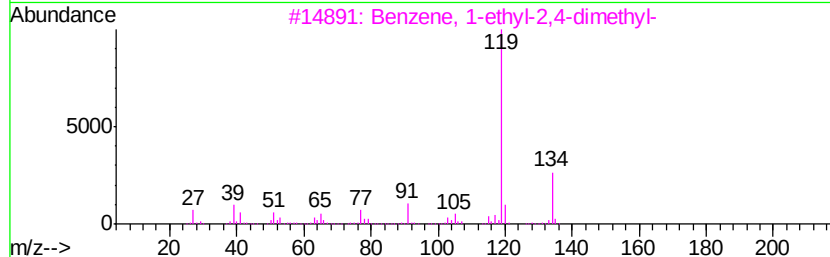
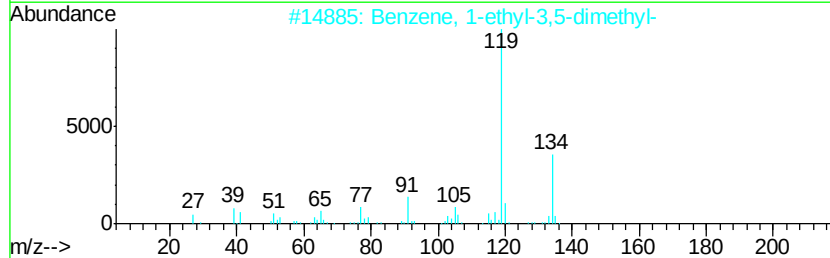
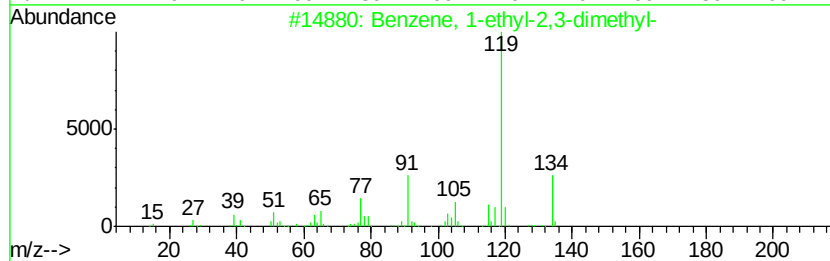
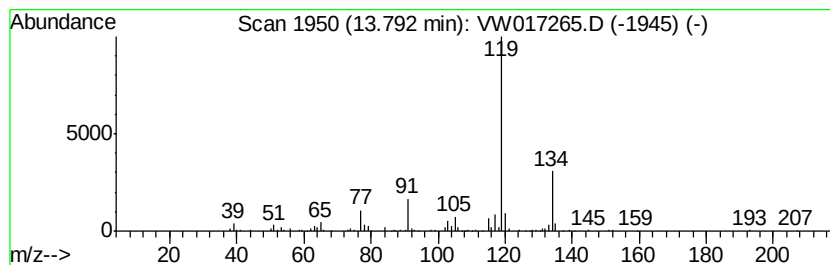
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 24

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 13.79 | 4.21 ug/L | 86119 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |
| 2    |    | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 94   |
| 3    |    | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |
| 4    |    | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 94   |
| 5    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

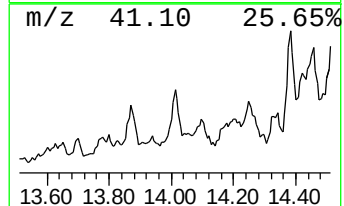
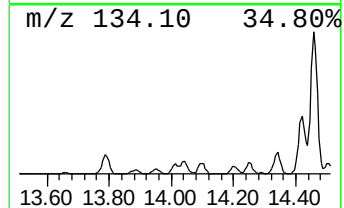
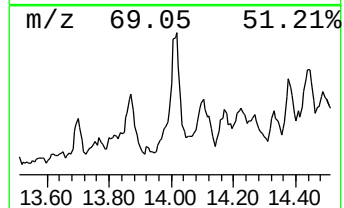
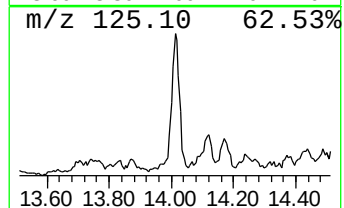
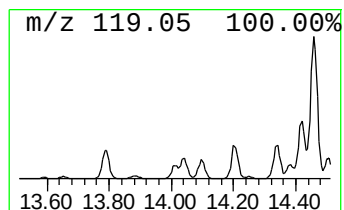
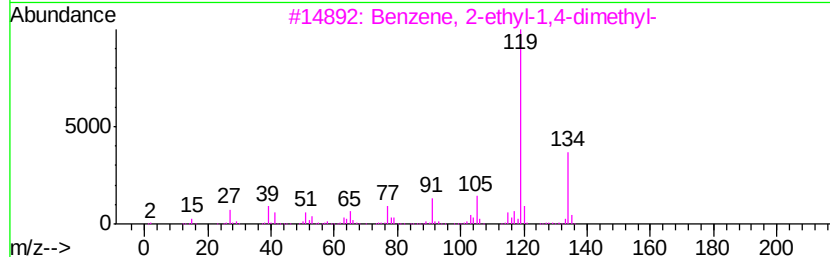
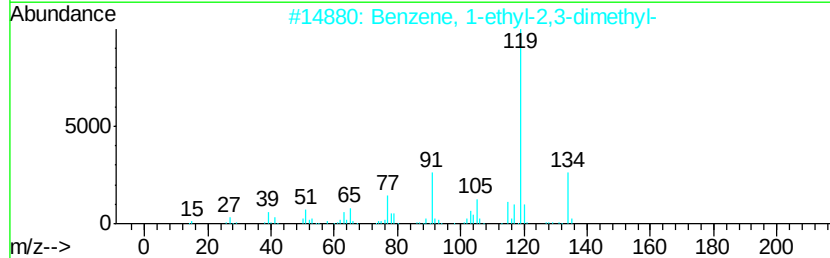
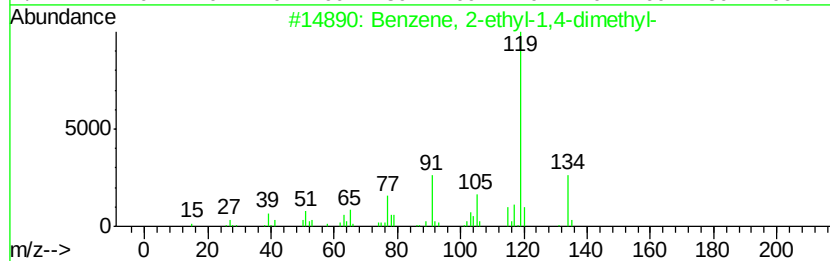
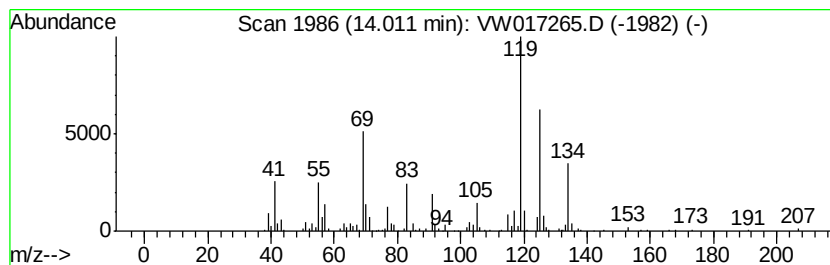
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.01 | 4.80 ug/L | 98115 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 93   |
| 2    |    | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 93   |
| 3    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 92   |
| 4    |    | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 92   |
| 5    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 92   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

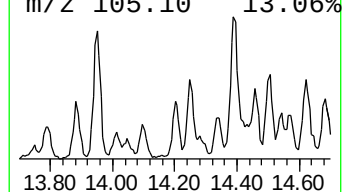
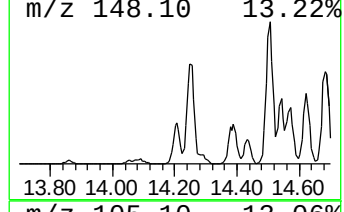
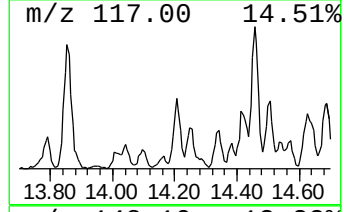
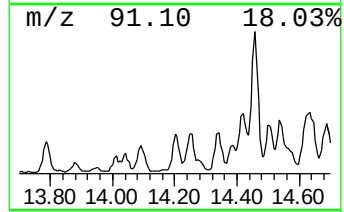
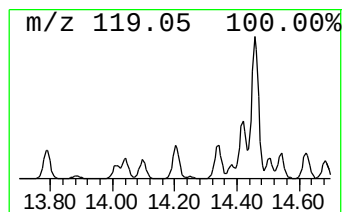
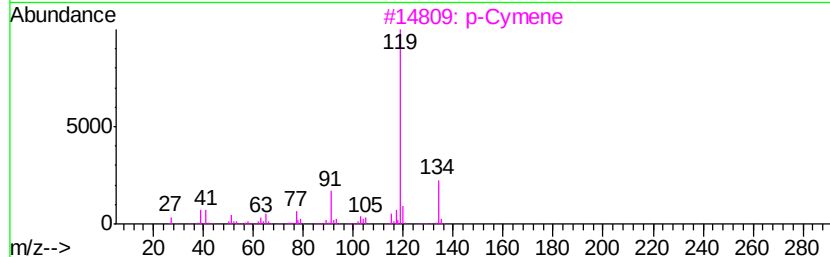
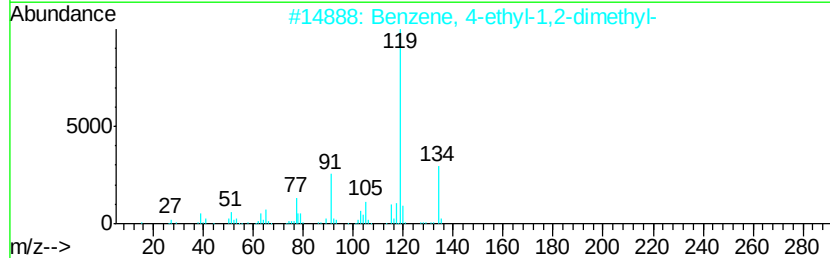
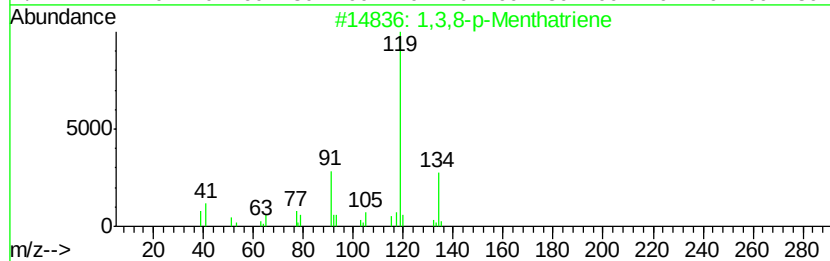
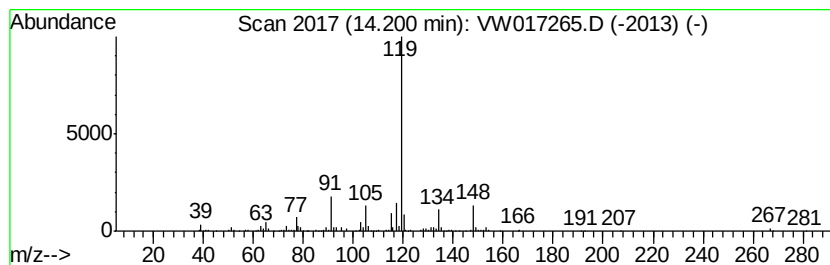
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 1,3,8-p-Menthatriene Concentration Rank 22

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 14.20   | 5.36 ug/L                           | 109572       | 1,4-Dichlorobenzene-d4 | 13.56     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | 1,3,8-p-Menthatriene                | 134 C10H14   | 018368-95-1            | 90        |
| 2       | Benzene, 4-ethyl-1,2-dimethyl-      | 134 C10H14   | 000934-80-5            | 87        |
| 3       | p-Cymene                            | 134 C10H14   | 000099-87-6            | 87        |
| 4       | Benzene, 1-ethyl-3,5-dimethyl-      | 134 C10H14   | 000934-74-7            | 83        |
| 5       | Benzene, 1-methyl-3-(1-methyleth... | 134 C10H14   | 000535-77-3            | 83        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

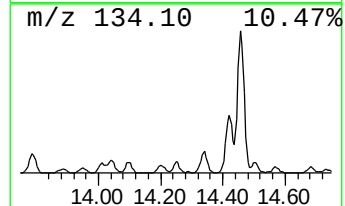
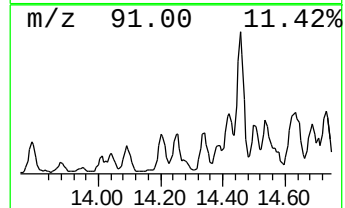
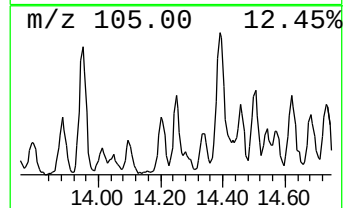
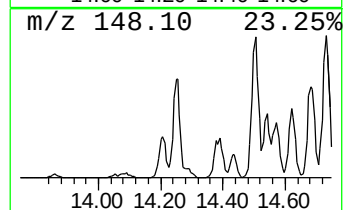
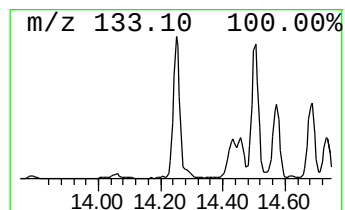
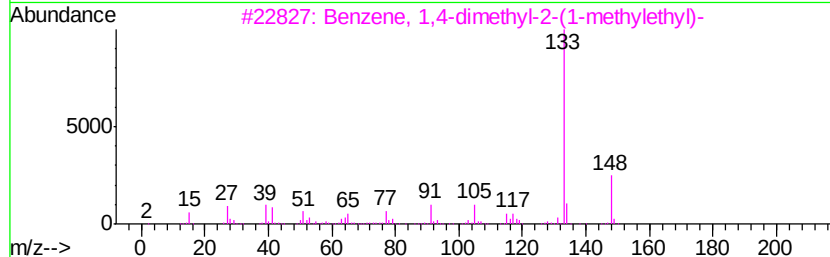
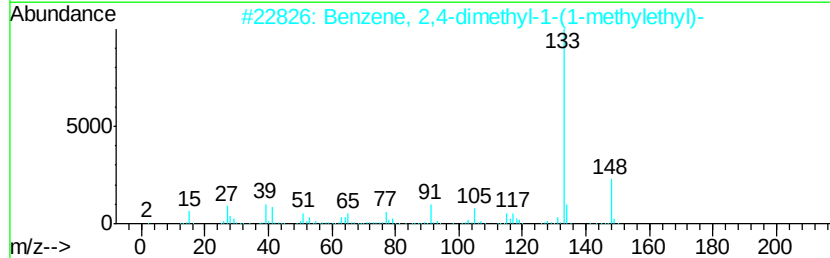
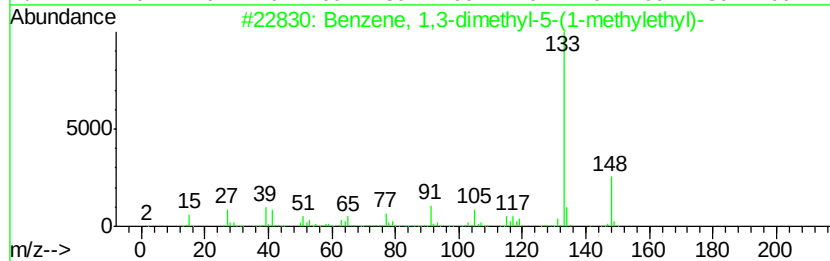
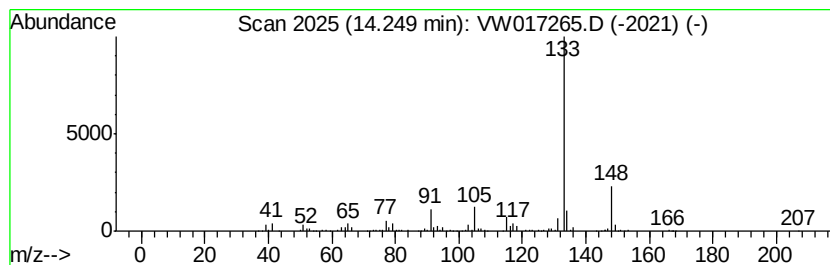
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 15

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.25 | 10.73 ug/L | 219465 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                          | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Benzene, 1,3-dimethyl-5-(1-methyl-... | 148 | C11H16  | 004706-90-5  | 91   |
| 2    |    | Benzene, 2,4-dimethyl-1-(1-methyl-... | 148 | C11H16  | 004706-89-2  | 91   |
| 3    |    | Benzene, 1,4-dimethyl-2-(1-methyl-... | 148 | C11H16  | 004132-72-3  | 90   |
| 4    |    | 3,4-Dimethylcumene                    | 148 | C11H16  | 1000370-34-1 | 90   |
| 5    |    | 4-tert-Butyltoluene                   | 148 | C11H16  | 000098-51-1  | 83   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

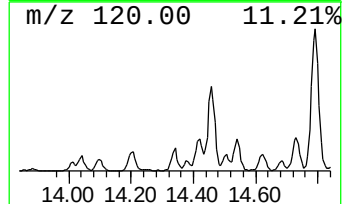
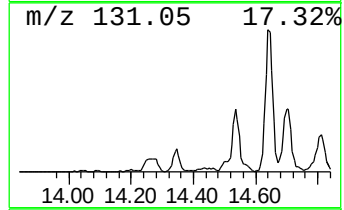
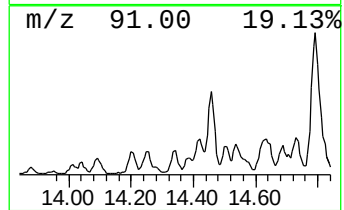
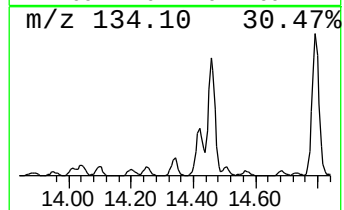
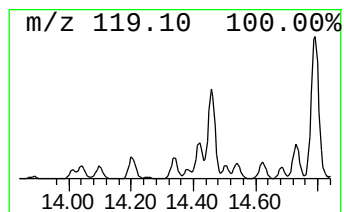
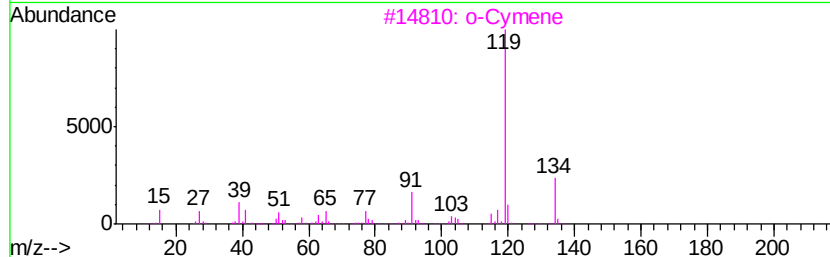
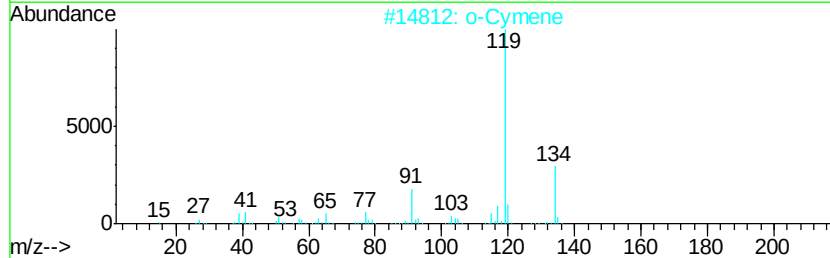
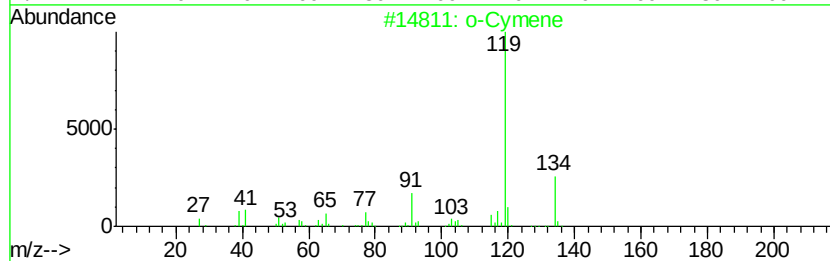
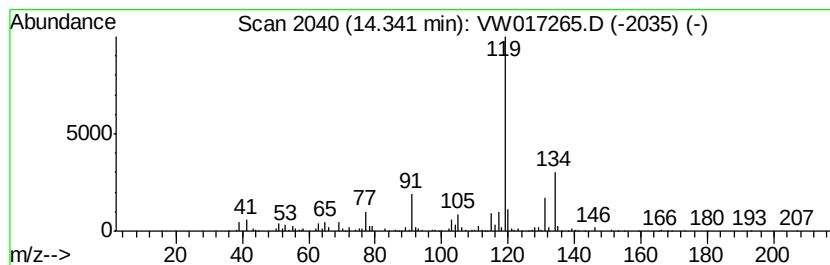
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 o-Cymene Concentration Rank 20

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.34 | 6.75 ug/L | 138139 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 2    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |
| 3    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 93   |
| 5    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

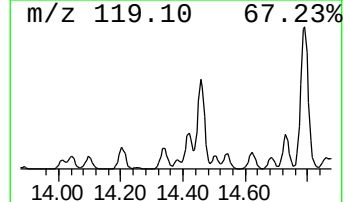
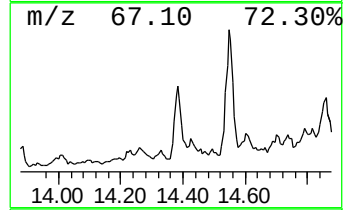
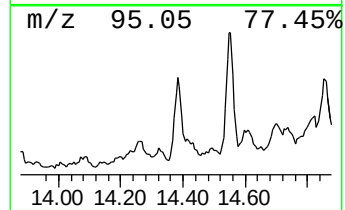
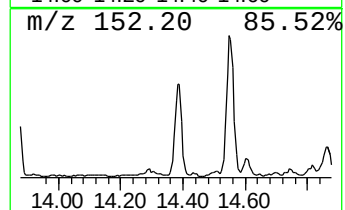
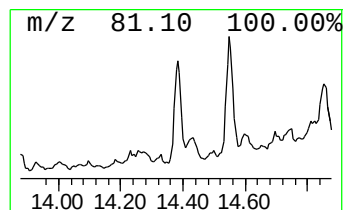
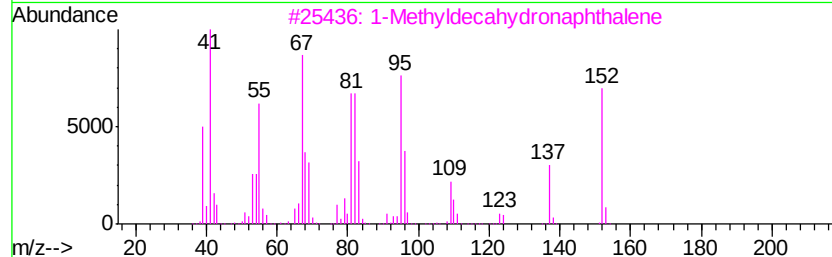
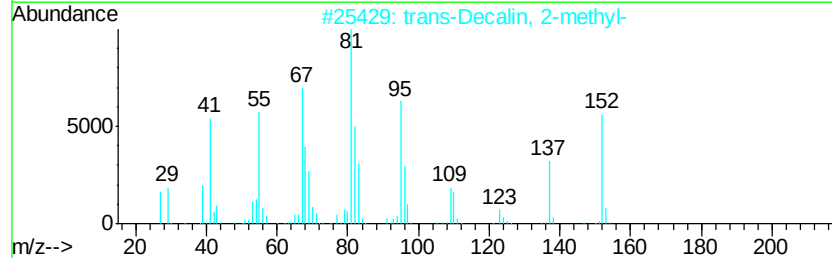
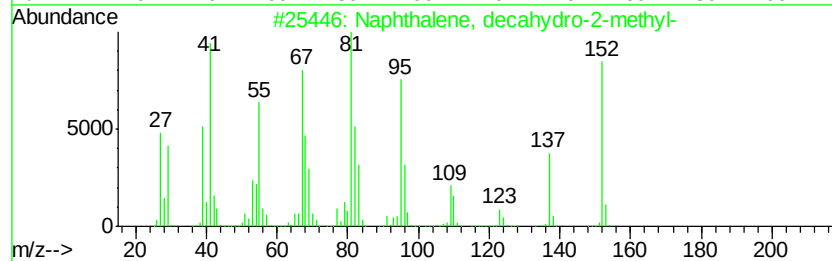
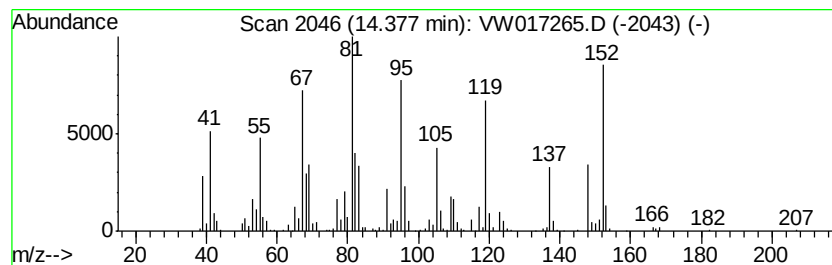
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Naphthalene, decahydro-2-me... Concentration Rank 16

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.    |              |      |
|---------|-----------|-------------------------------------|------------------------|---------|--------------|------|
| 14.38   | 9.47 ug/L | 193738                              | 1,4-Dichlorobenzene-d4 | 13.56   |              |      |
| Hit# of | 5         | Tentative ID                        | MW                     | MolForm | CAS#         | Qual |
| 1       |           | Naphthalene, decahydro-2-methyl-    | 152                    | C11H20  | 002958-76-1  | 95   |
| 2       |           | trans-Decalin, 2-methyl-            | 152                    | C11H20  | 1000152-47-3 | 93   |
| 3       |           | 1-Methyldecahydronaphthalene        | 152                    | C11H20  | 002958-75-0  | 64   |
| 4       |           | Naphthalene, decahydro-2-methyl-    | 152                    | C11H20  | 002958-76-1  | 64   |
| 5       |           | Cyclohexanone, 5-methyl-2-(1-met... | 152                    | C10H16O | 015932-80-6  | 53   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

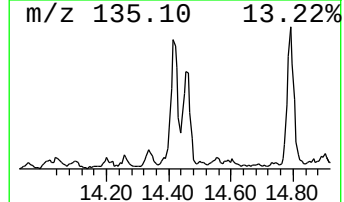
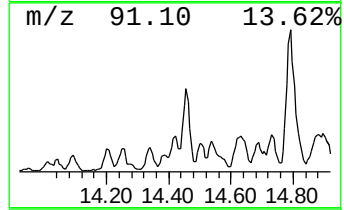
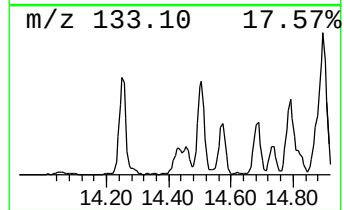
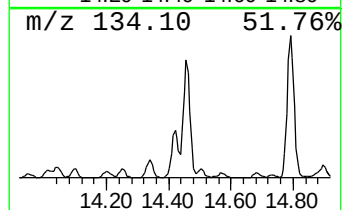
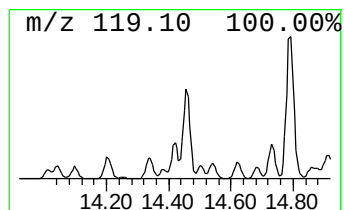
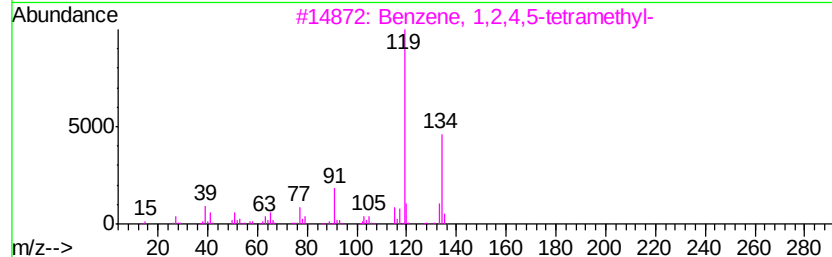
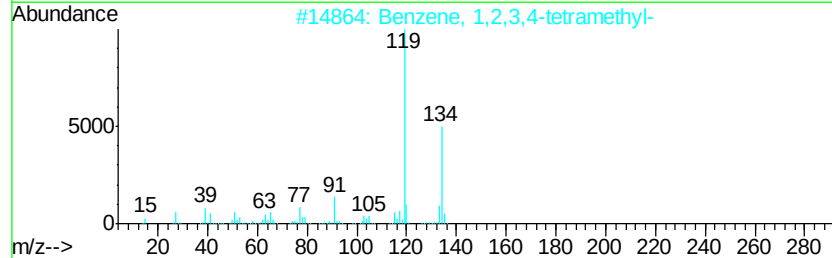
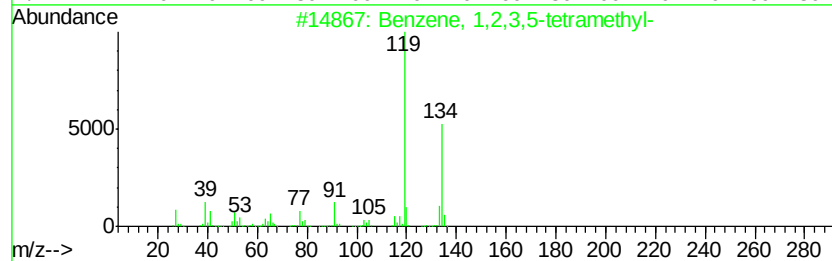
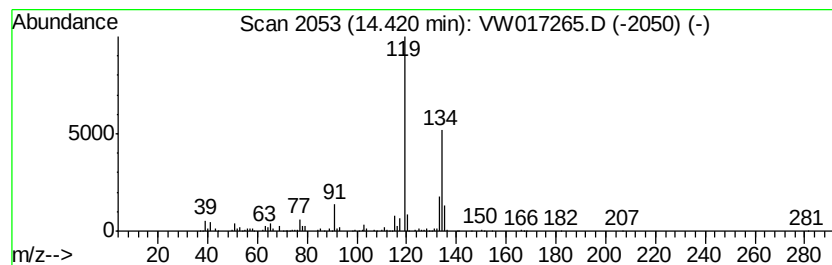
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.42 | 11.65 ug/L | 238319 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 90   |
| 2    |    | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 90   |
| 3    |    | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 90   |
| 4    |    | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 87   |
| 5    |    | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 87   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

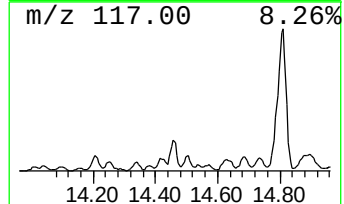
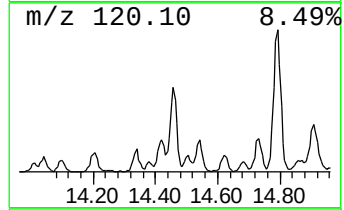
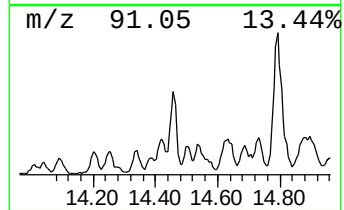
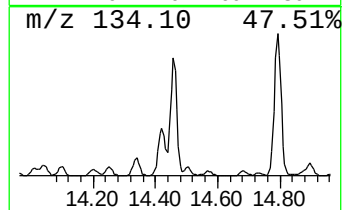
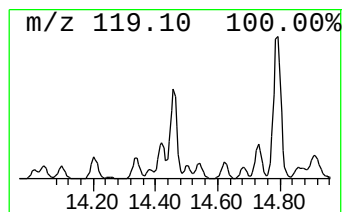
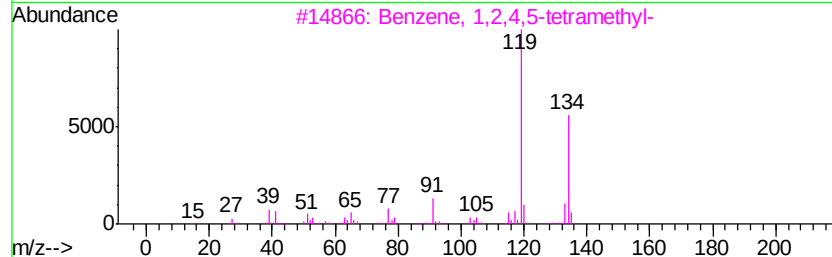
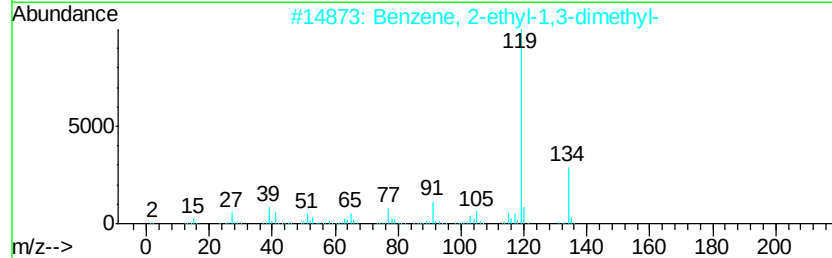
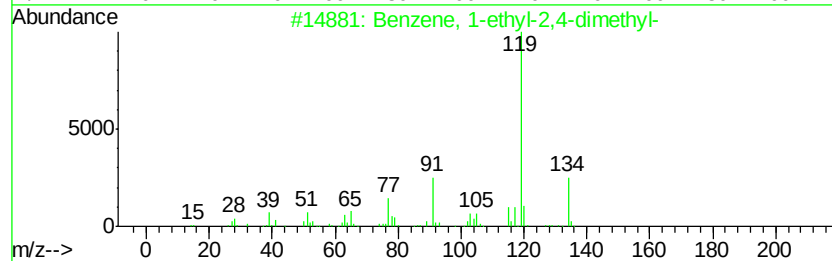
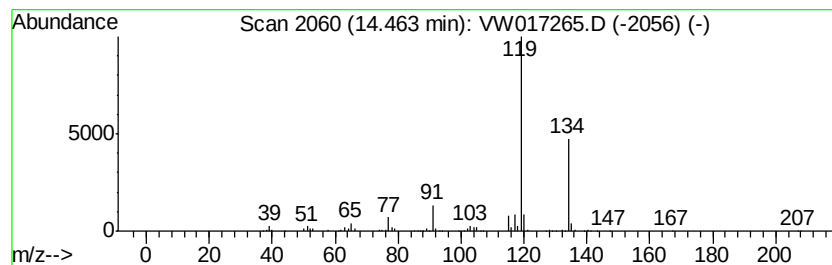
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.46 | 21.23 ug/L | 434317 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 95   |
| 2    |    | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 91   |
| 3    |    | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 91   |
| 4    |    | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 91   |
| 5    |    | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

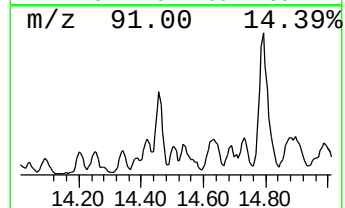
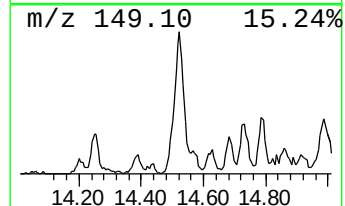
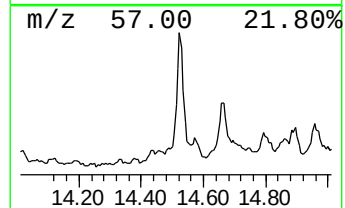
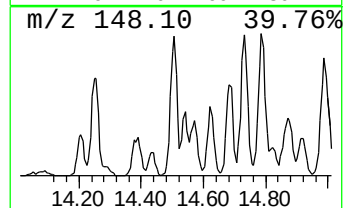
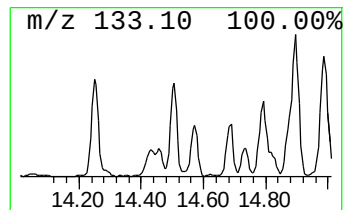
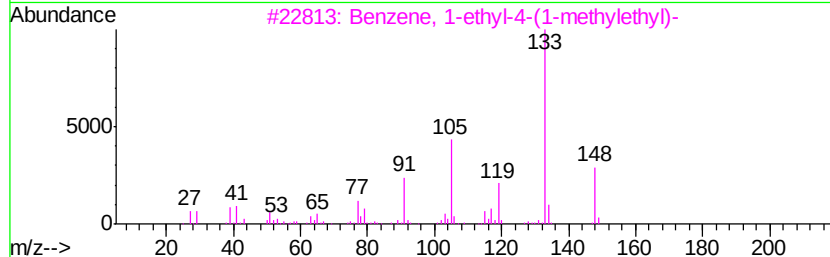
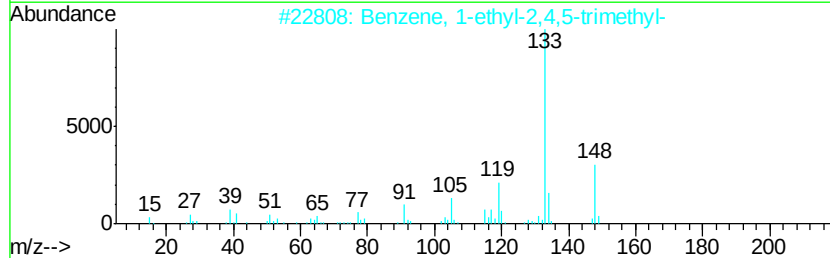
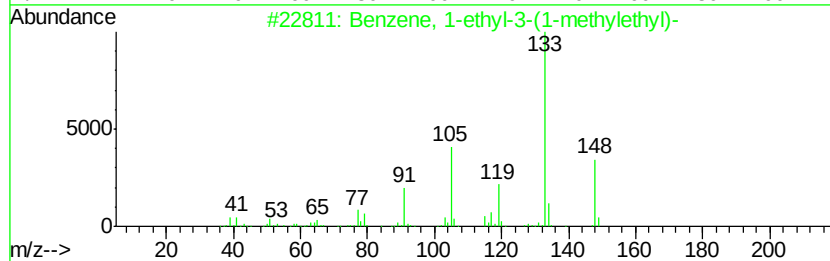
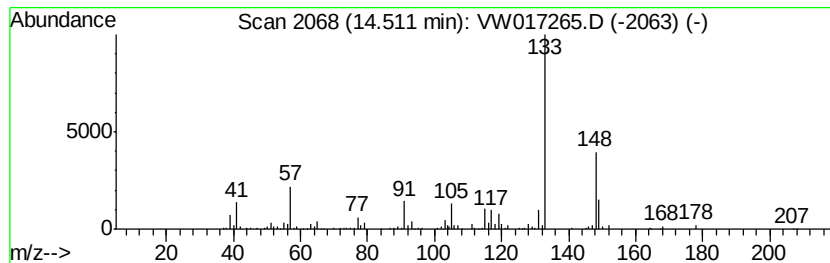
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 18

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.51 | 8.52 ug/L | 174312 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16  | 004920-99-4  | 91   |
| 2    |    | Benzene, 1-ethyl-2,4,5-trimethyl-   | 148 | C11H16  | 017851-27-3  | 90   |
| 3    |    | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16  | 004218-48-8  | 90   |
| 4    |    | Benzene, pentamethyl-               | 148 | C11H16  | 000700-12-9  | 87   |
| 5    |    | 3,4-Dimethylcumene                  | 148 | C11H16  | 1000370-34-1 | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

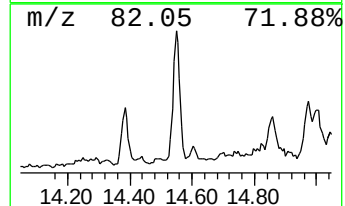
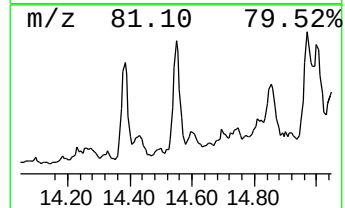
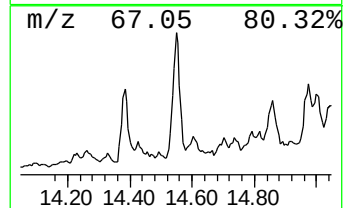
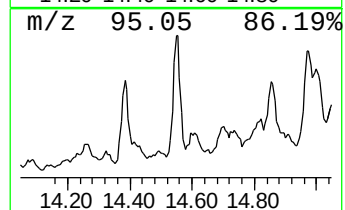
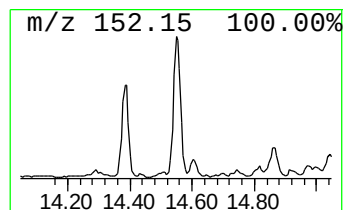
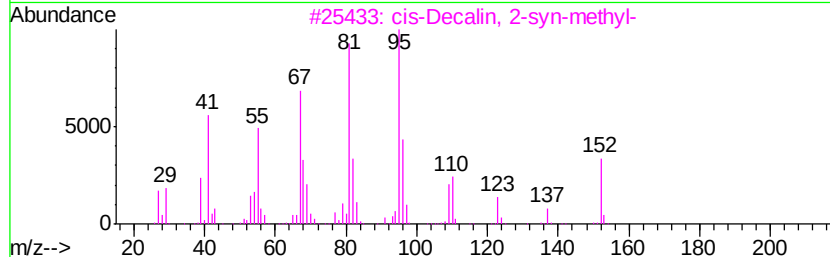
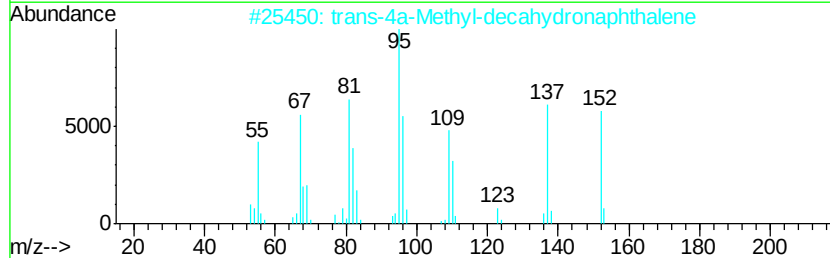
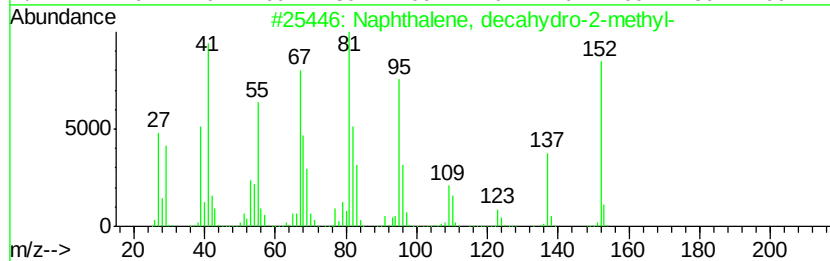
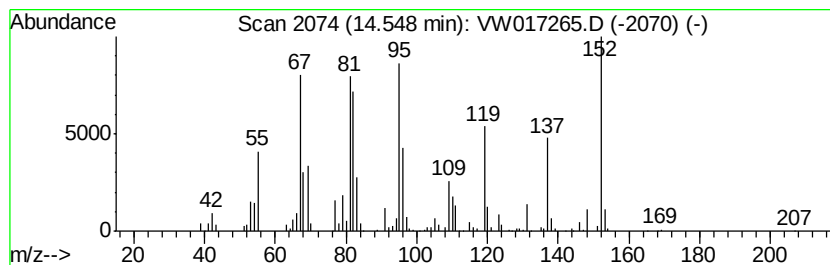
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 cis-Decalin, 2-syn-methyl- Concentration Rank 10

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.            |
|---------|------------|-------------------------------------|------------------------|-----------------|
| 14.55   | 19.54 ug/L | 399668                              | 1,4-Dichlorobenzene-d4 | 13.56           |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual       |
| 1       |            | Naphthalene, decahydro-2-methyl-    | 152 C11H20             | 002958-76-1 90  |
| 2       |            | trans-4a-Methyl-decahydronaphtha... | 152 C11H20             | 002547-27-5 86  |
| 3       |            | cis-Decalin, 2-syn-methyl-          | 152 C11H20             | 1000155-85-6 72 |
| 4       |            | trans-Decalin, 2-methyl-            | 152 C11H20             | 1000152-47-3 58 |
| 5       |            | 1-Adamantanol                       | 152 C10H16O            | 000768-95-6 46  |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

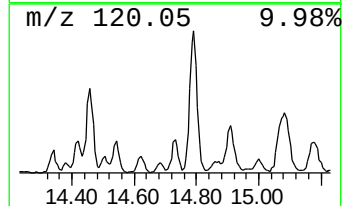
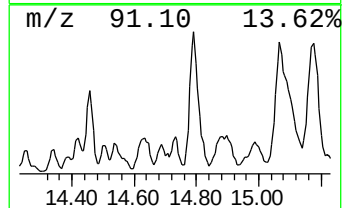
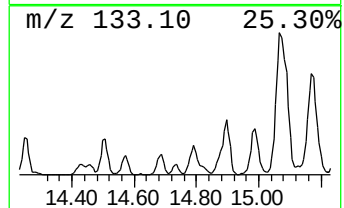
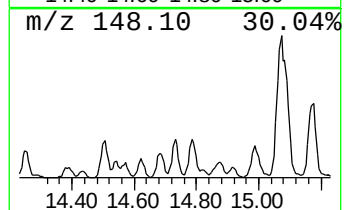
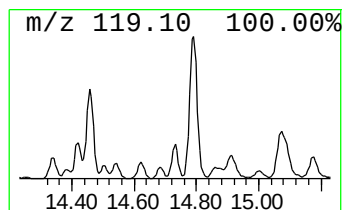
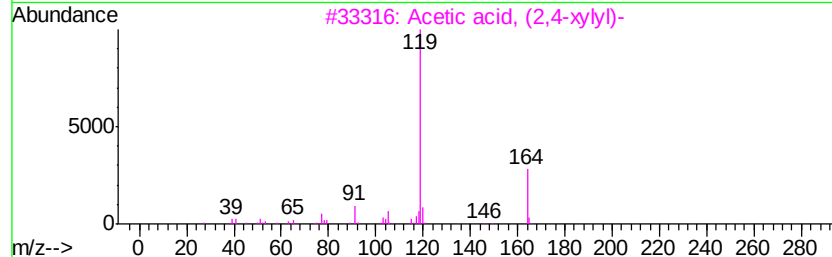
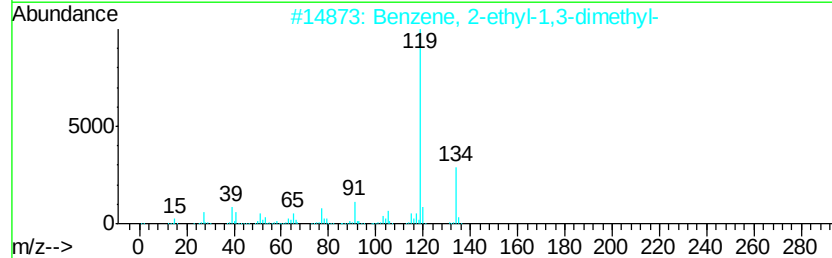
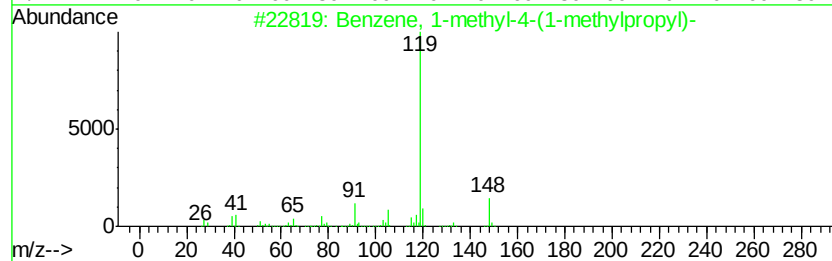
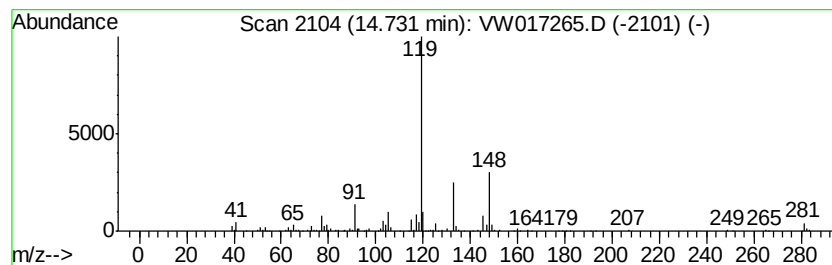
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.73 | 8.99 ug/L | 183989 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16   | 001595-16-0 | 70   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14   | 002870-04-4 | 55   |
| 3    |    |   | Acetic acid, (2,4-xylvl)-           | 164 | C10H12O2 | 006331-04-0 | 53   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14   | 000934-80-5 | 47   |
| 5    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14   | 001758-88-9 | 47   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

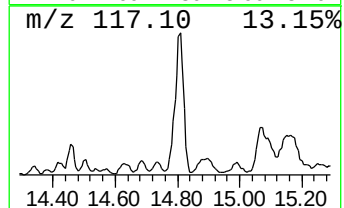
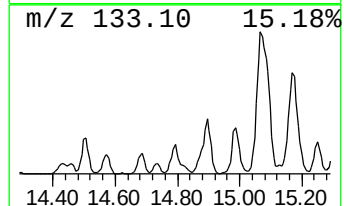
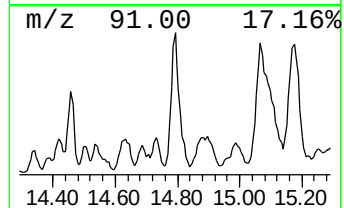
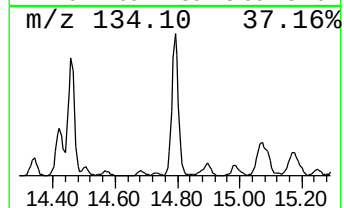
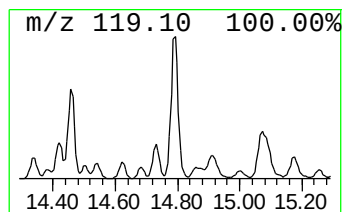
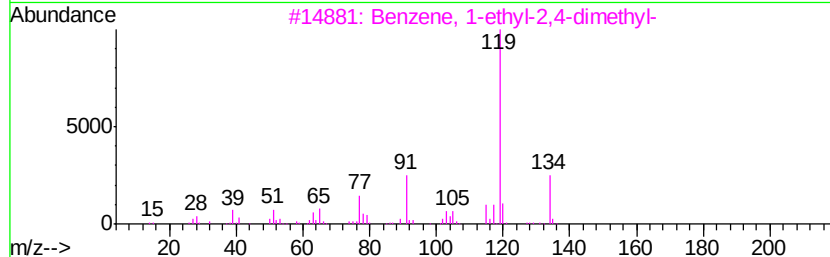
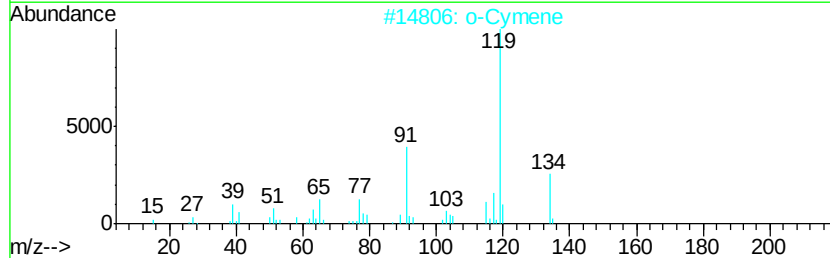
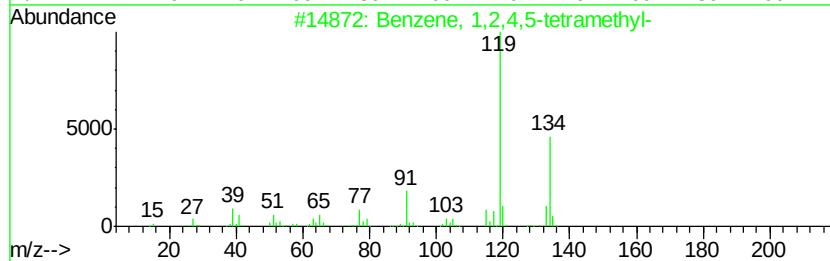
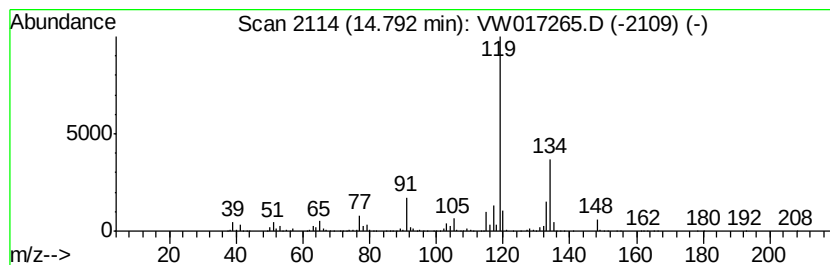
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 14.79 | 51.25 ug/L | 1048450 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 2    |    | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 3    |    | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 93   |
| 4    |    | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 5    |    | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

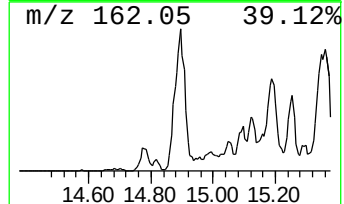
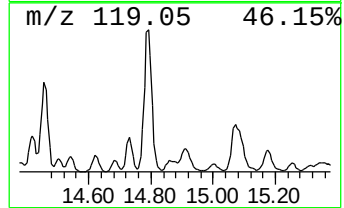
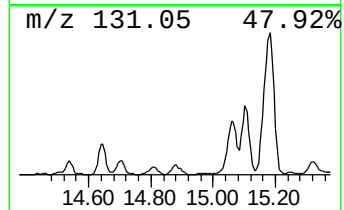
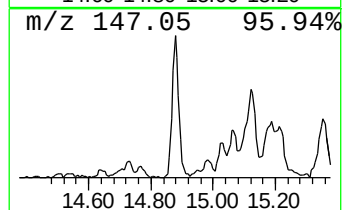
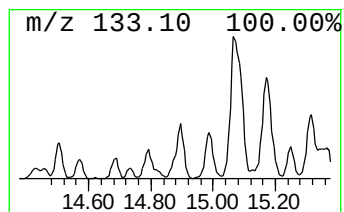
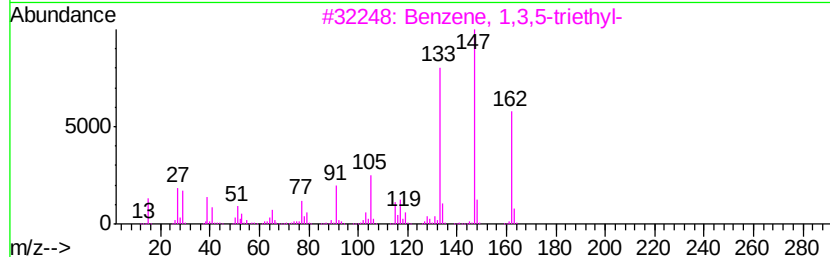
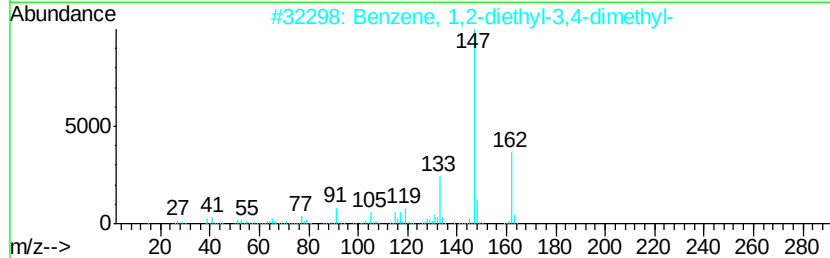
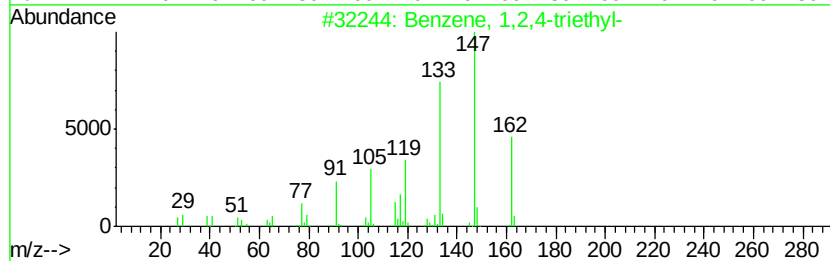
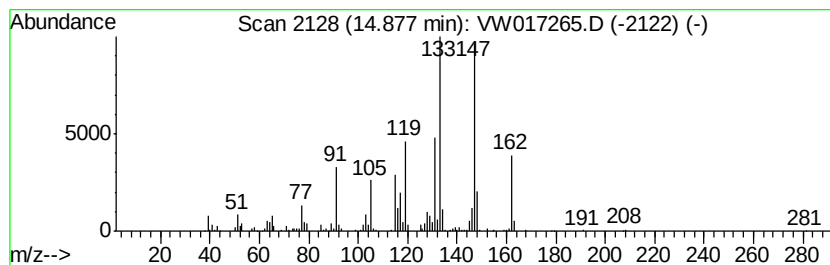
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 22 Benzene, 1,2,4-triethyl- Concentration Rank 13

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.88 | 11.69 ug/L | 239081 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,4-triethyl-            | 162 | C12H18  | 000877-44-1 | 81   |
| 2    |    | Benzene, 1,2-diethyl-3,4-dimethyl-  | 162 | C12H18  | 054410-75-2 | 64   |
| 3    |    | Benzene, 1,3,5-triethyl-            | 162 | C12H18  | 000102-25-0 | 58   |
| 4    |    | Benzene, 1,3,5-triethyl-            | 162 | C12H18  | 000102-25-0 | 58   |
| 5    |    | Ethanone, 1-(3,4,5-trimethylphen... | 162 | C11H14O | 002047-21-4 | 53   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

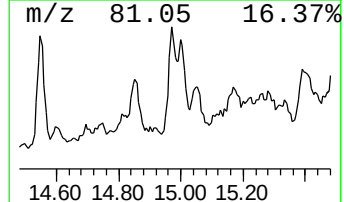
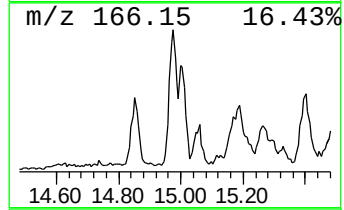
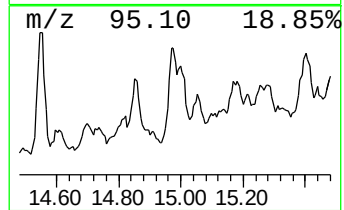
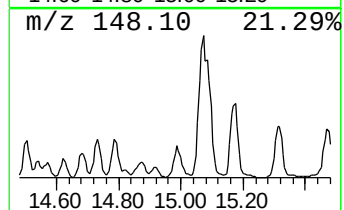
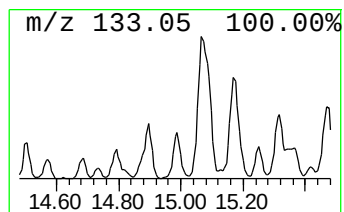
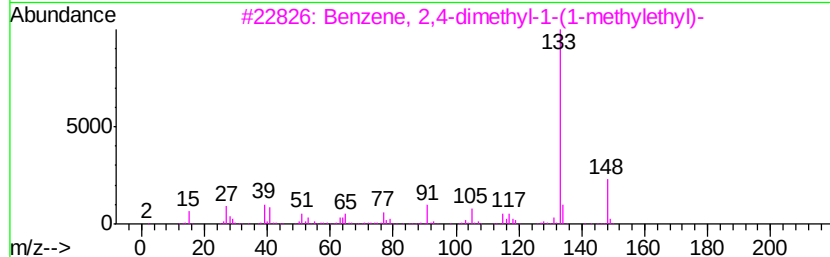
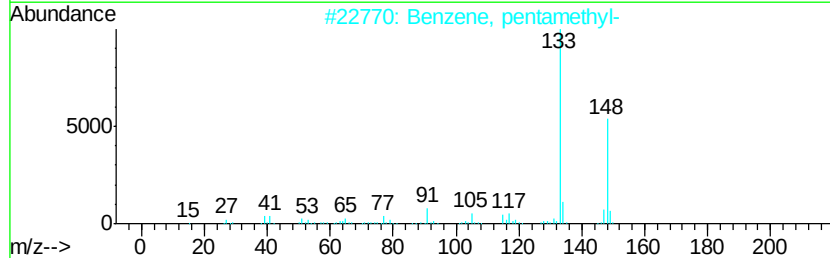
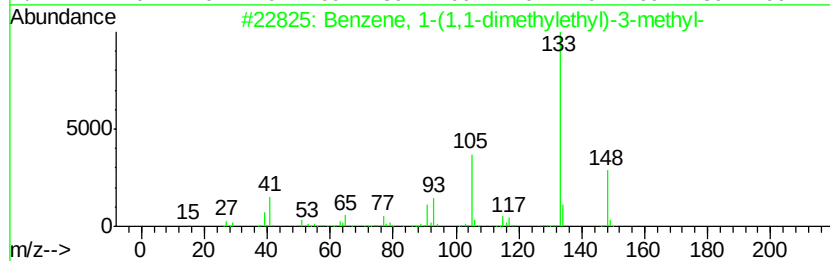
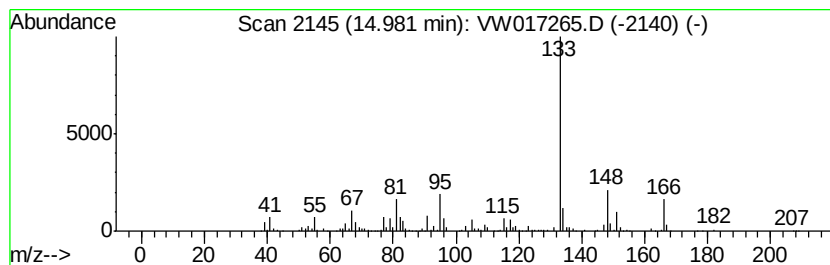
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 23 Benzene, 1-(1,1-dimethyleth... Concentration Rank 11

| R.T.    | EstConc    | Area                                 | Relative to ISTD       | R.T.           |
|---------|------------|--------------------------------------|------------------------|----------------|
| 14.98   | 18.75 ug/L | 383539                               | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5          | Tentative ID                         | MW MolForm             | CAS# Qual      |
| 1       |            | Benzene, 1-(1,1-dimethylethyl)-3...  | 148 C11H16             | 001075-38-3 76 |
| 2       |            | Benzene, pentamethyl-                | 148 C11H16             | 000700-12-9 76 |
| 3       |            | Benzene, 2,4-dimethyl-1-(1-methyl... | 148 C11H16             | 004706-89-2 70 |
| 4       |            | 4-tert-Butyltoluene                  | 148 C11H16             | 000098-51-1 68 |
| 5       |            | Benzene, 1-(1,1-dimethylethyl)-3...  | 148 C11H16             | 001075-38-3 64 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

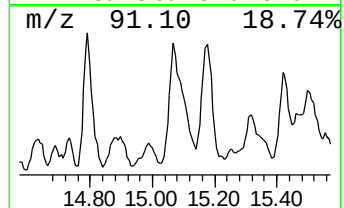
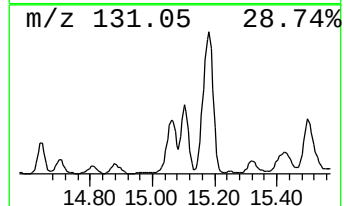
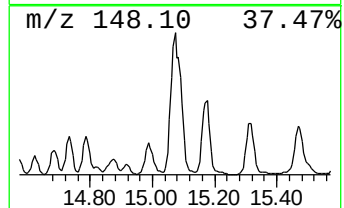
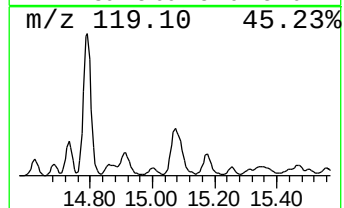
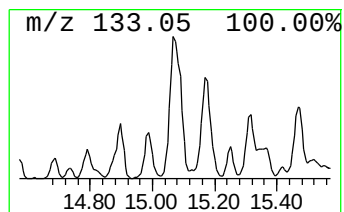
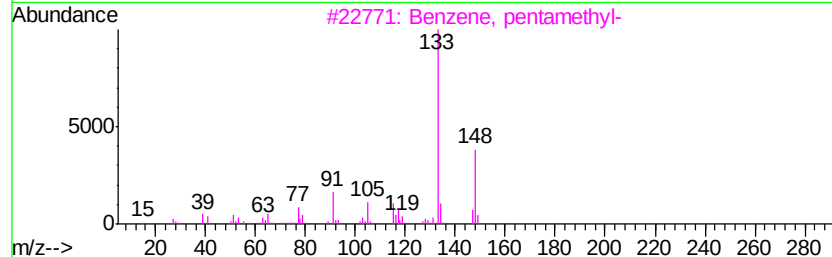
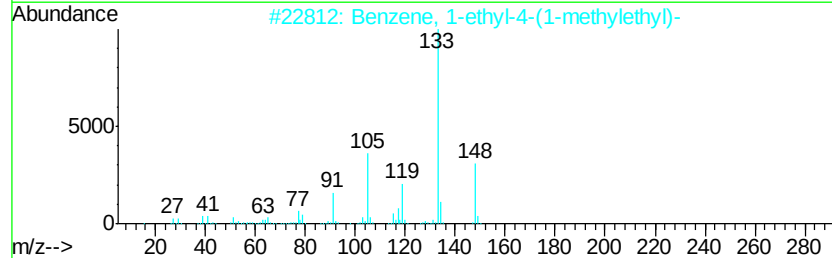
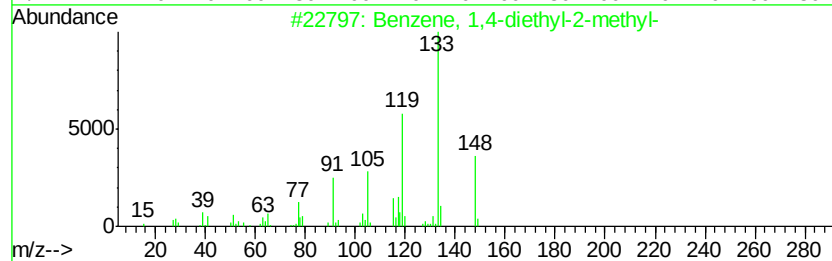
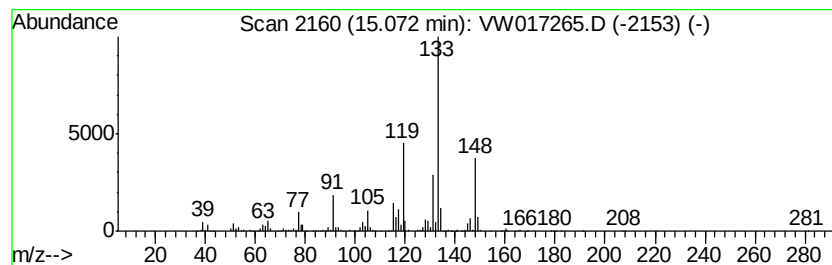
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 24 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.07 | 100.71 ug/L | 2060240 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,4-diethyl-2-methyl-      | 148 | C11H16  | 013632-94-5 | 74   |
| 2    |    | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16  | 004218-48-8 | 62   |
| 3    |    | Benzene, pentamethyl-               | 148 | C11H16  | 000700-12-9 | 60   |
| 4    |    | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16  | 004920-99-4 | 58   |
| 5    |    | Benzene, 2,4-diethyl-1-methyl-      | 148 | C11H16  | 001758-85-6 | 53   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

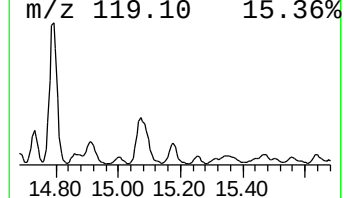
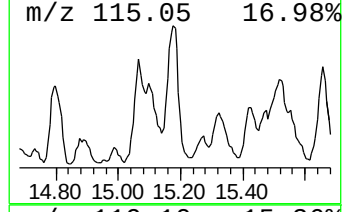
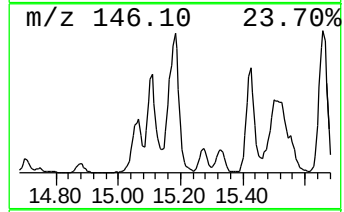
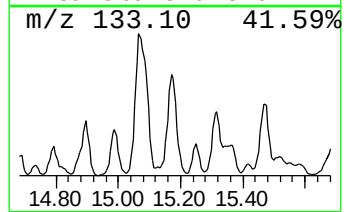
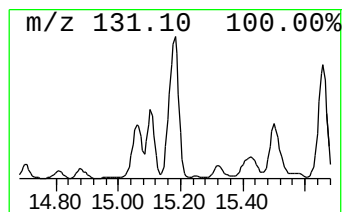
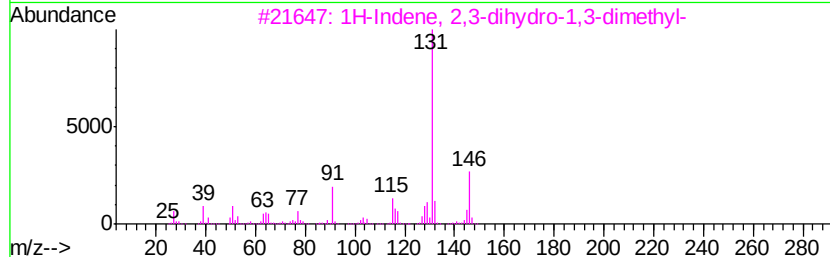
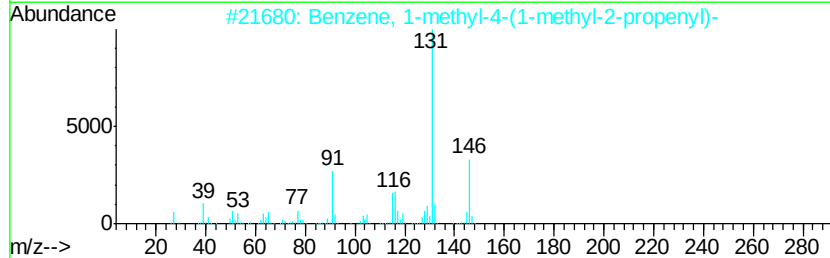
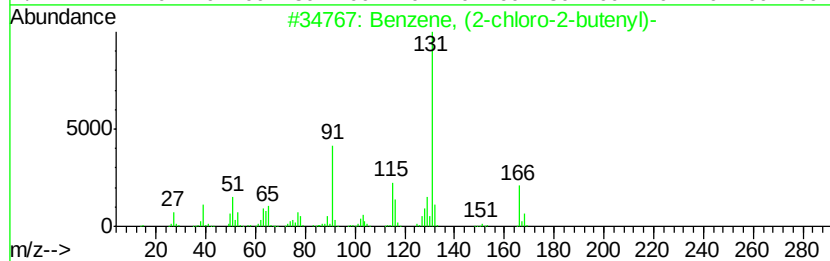
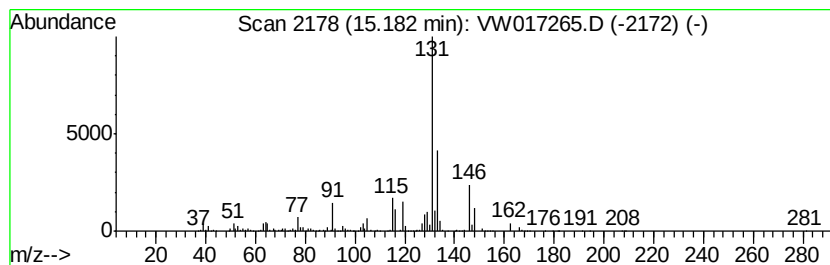
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 25 Benzene, (2-chloro-2-butenyl)- Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 15.18 | 64.97 ug/L | 1329210 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzene, (2-chloro-2-butenyl)-      | 166 | C10H11Cl | 054411-12-0 | 64   |
| 2    |    | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14   | 097664-18-1 | 64   |
| 3    |    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14   | 004175-53-5 | 60   |
| 4    |    | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14   | 004489-84-3 | 60   |
| 5    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 001559-81-5 | 60   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

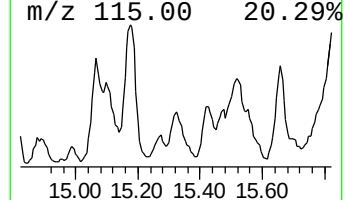
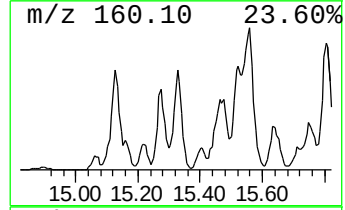
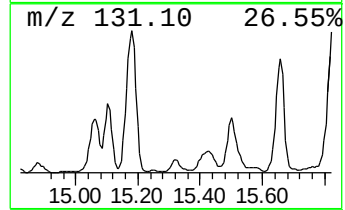
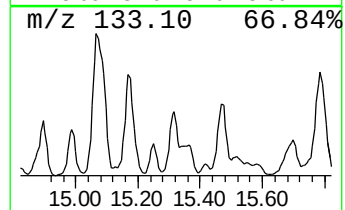
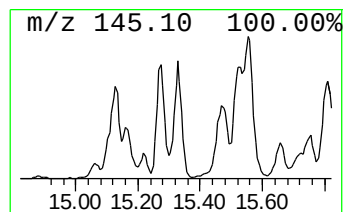
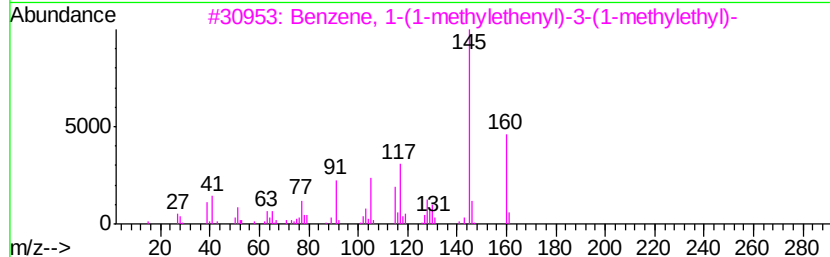
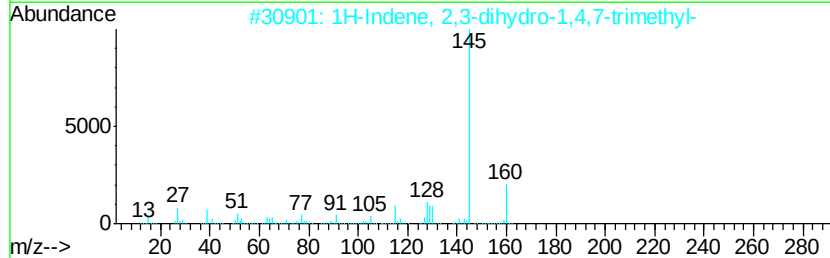
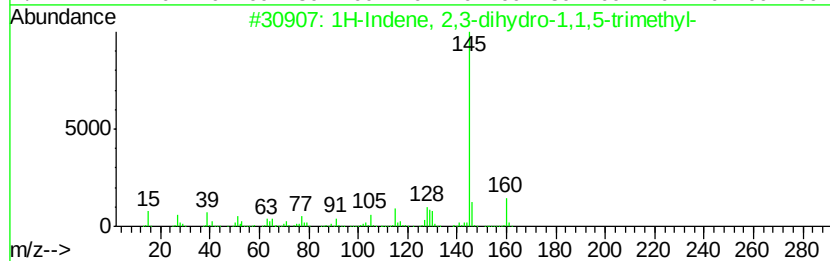
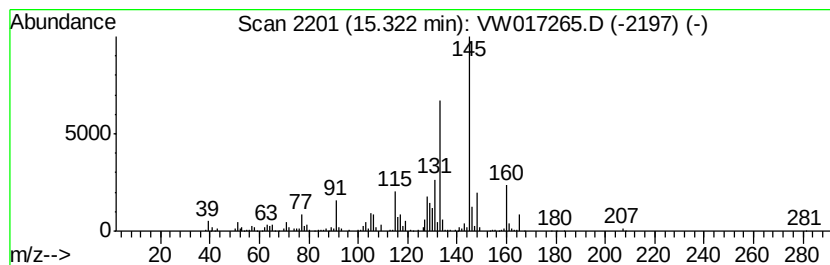
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 26 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 7

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 15.32   | 33.84 ug/L                          | 692353       | 1,4-Dichlorobenzene-d4 | 13.56     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 C12H16   | 040650-41-7            | 93        |
| 2       | 1H-Indene, 2,3-dihydro-1,4,7-tri... | 160 C12H16   | 054340-87-3            | 78        |
| 3       | Benzene, 1-(1-methylethenyl)-3-(... | 160 C12H16   | 001129-29-9            | 64        |
| 4       | Naphthalene, 1,2,3,4-tetrahydro-... | 160 C12H16   | 001985-59-7            | 64        |
| 5       | Naphthalene, 1,2,3,4-tetrahydro-... | 160 C12H16   | 025419-33-4            | 64        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

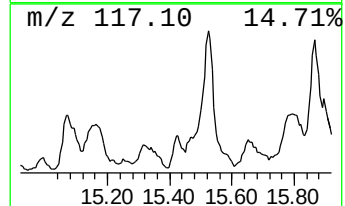
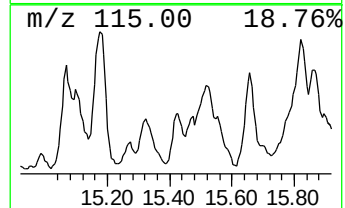
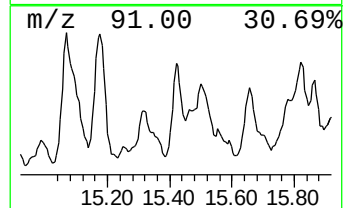
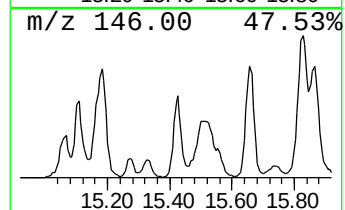
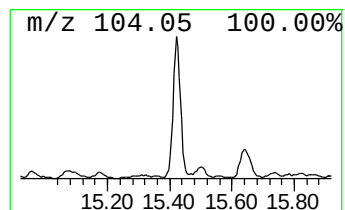
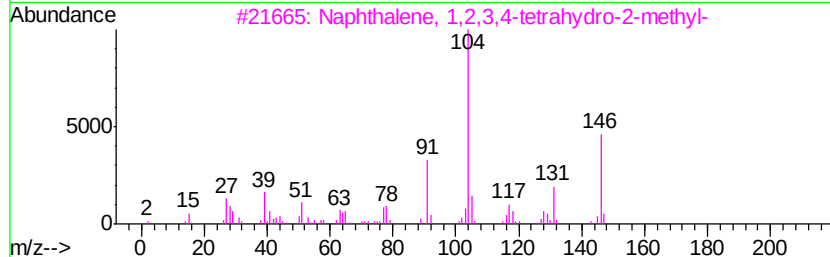
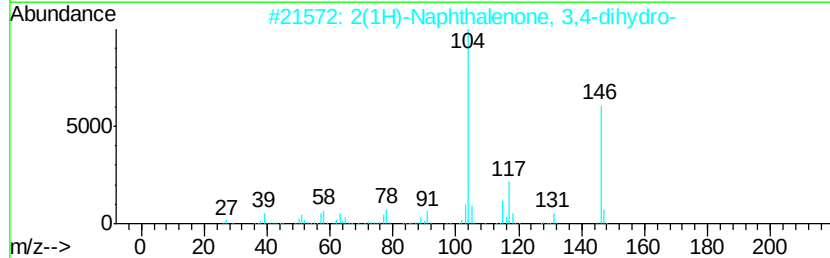
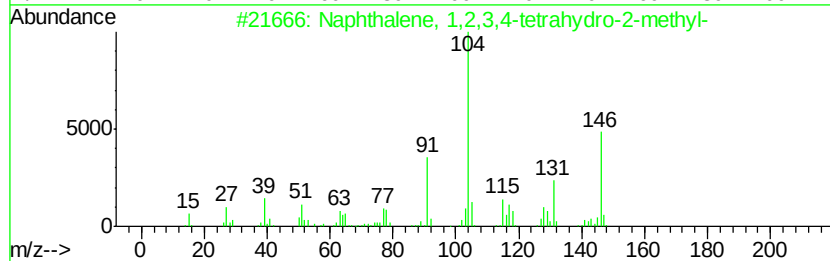
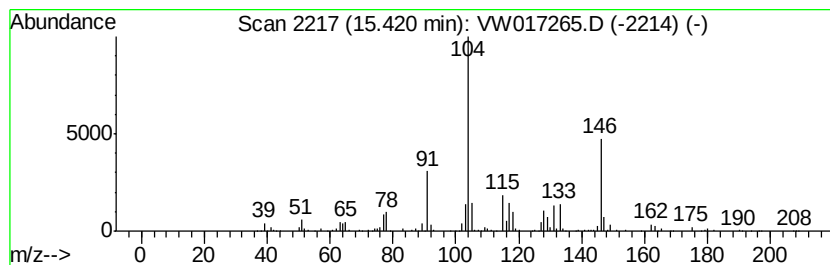
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 27 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 15.42   | 16.56 ug/L | 338793                              | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 003877-19-8 68 |
| 2       |            | 2(1H)-Naphthalenone, 3,4-dihydro-   | 146 C10H10O            | 000530-93-8 64 |
| 3       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 003877-19-8 64 |
| 4       |            | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 C10H10O            | 002461-34-9 62 |
| 5       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 003877-19-8 59 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

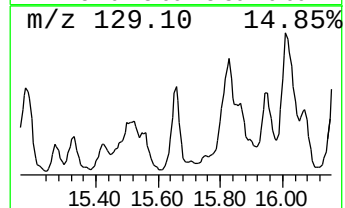
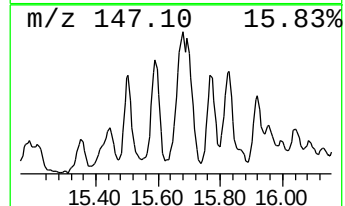
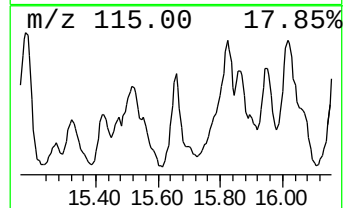
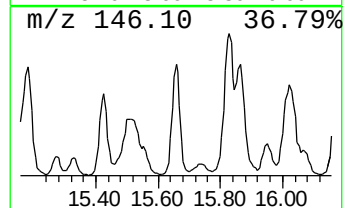
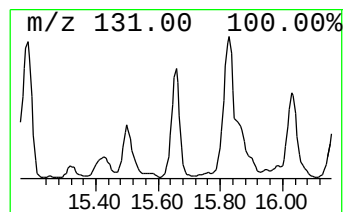
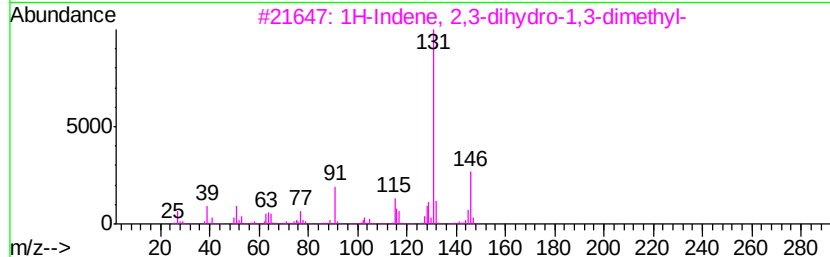
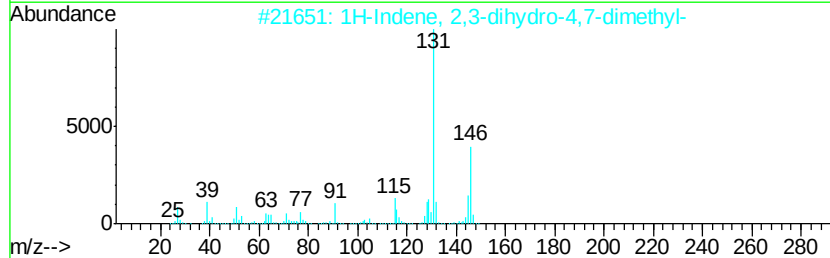
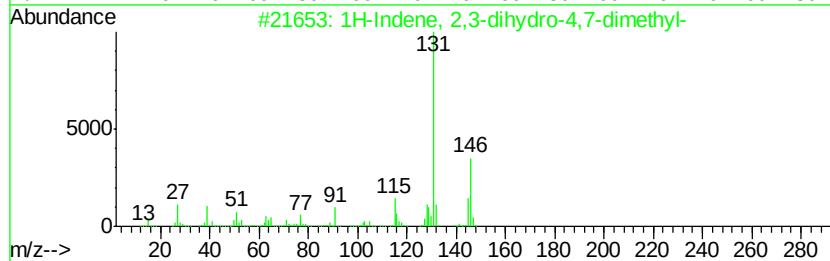
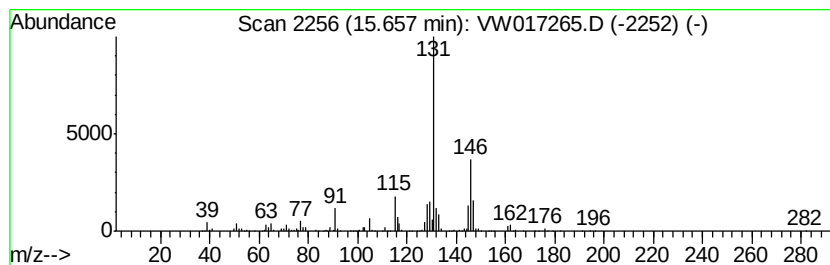
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 15.66 | 26.45 ug/L | 541025 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 93   |
| 2    |    | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 93   |
| 3    |    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 90   |
| 4    |    | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 90   |
| 5    |    | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

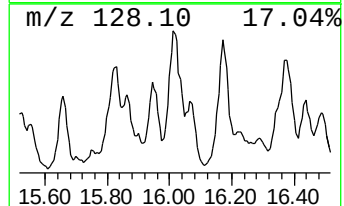
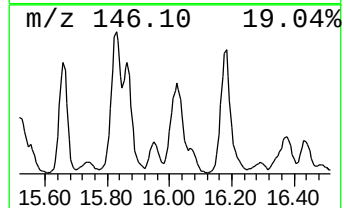
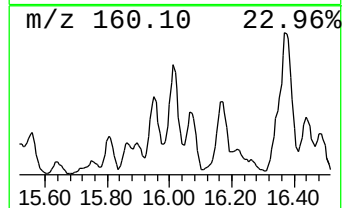
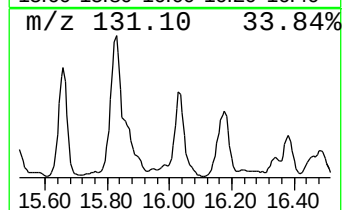
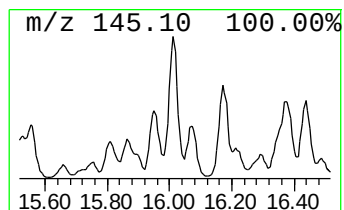
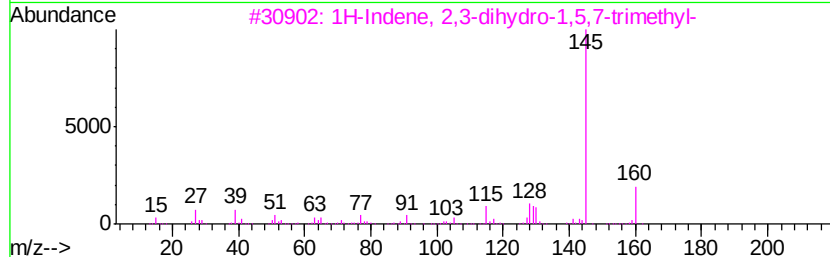
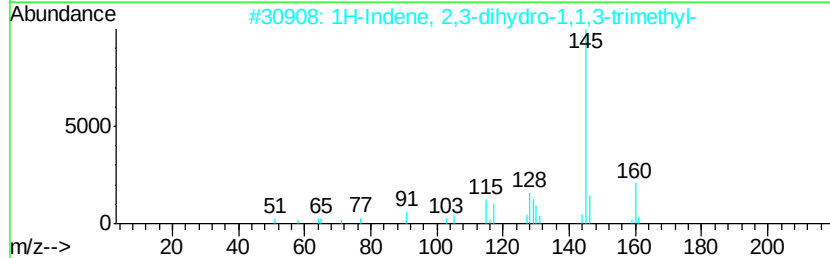
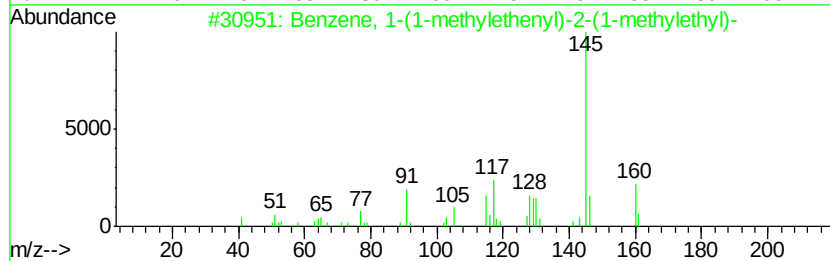
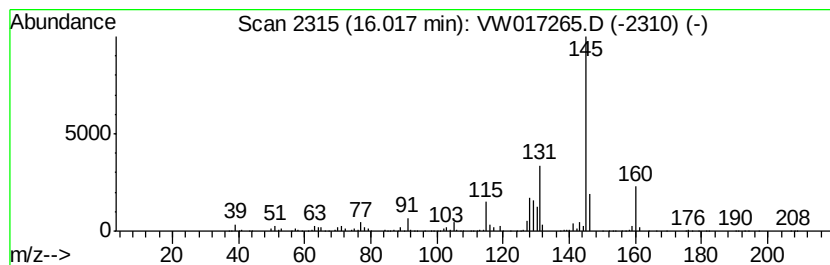
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 29 Benzene, 1-(1-methylethenyl)... Concentration Rank 6

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 16.02 | 50.45 ug/L | 1032120 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-(1-methylethenyl)-2-(... | 160 | C12H16  | 005557-93-7 | 87   |
| 2    |    | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 87   |
| 3    |    | 1H-Indene, 2,3-dihydro-1,5,7-tri... | 160 | C12H16  | 054340-88-4 | 81   |
| 4    |    | 1H-Indene, 2,3-dihydro-1,4,7-tri... | 160 | C12H16  | 054340-87-3 | 76   |
| 5    |    | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 72   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

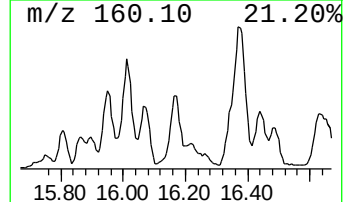
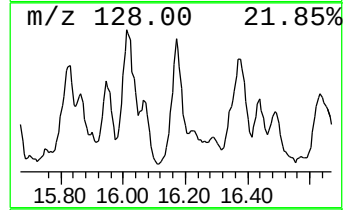
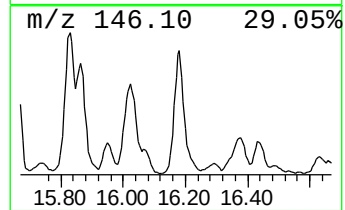
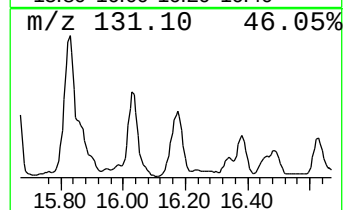
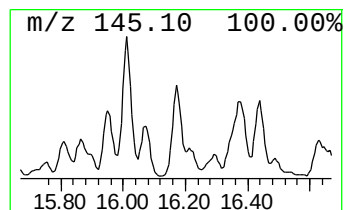
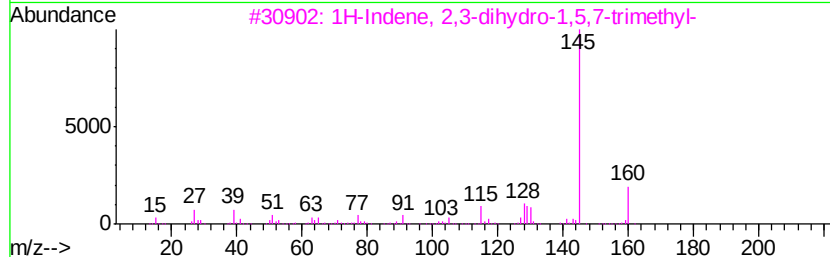
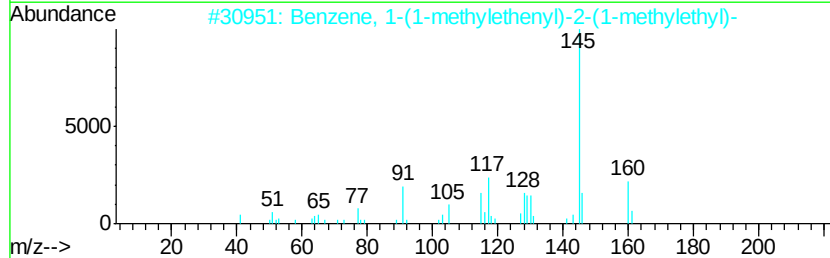
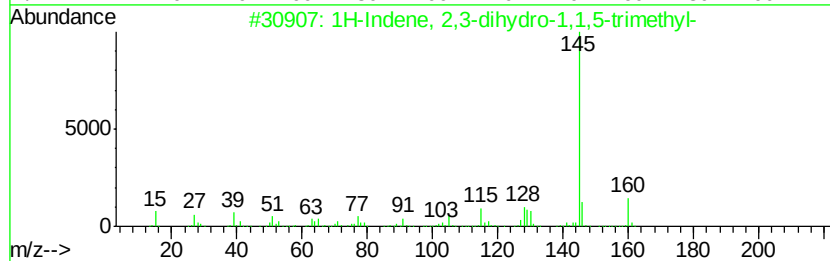
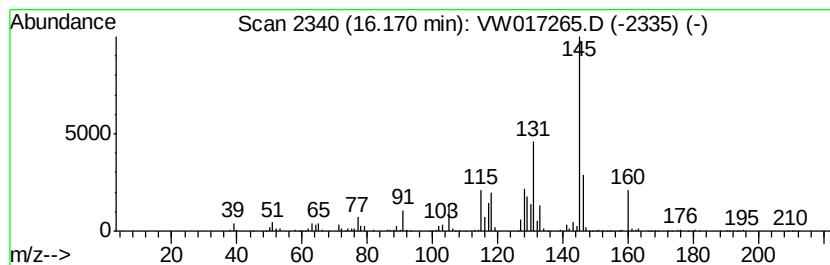
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 30 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 16.17 | 58.08 ug/L | 1188130 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 | C12H16  | 040650-41-7 | 64   |
| 2    |    | Benzene, 1-(1-methylethenyl)-2-(... | 160 | C12H16  | 005557-93-7 | 64   |
| 3    |    | 1H-Indene, 2,3-dihydro-1,5,7-tri... | 160 | C12H16  | 054340-88-4 | 60   |
| 4    |    | 1H-Indene, 2,3-dihydro-1,4,7-tri... | 160 | C12H16  | 054340-87-3 | 60   |
| 5    |    | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 58   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
Data File : VW017265.D  
Acq On : 16 Nov 2020 18:28  
Operator : SY/VA  
Sample : L4727-13RE  
Misc : 4.02G/10ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AC8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

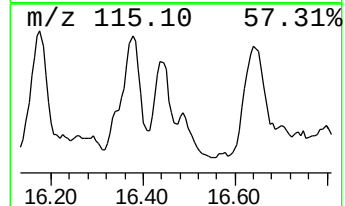
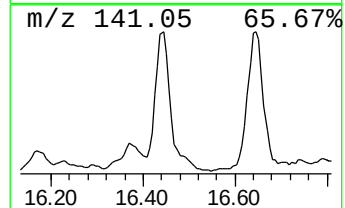
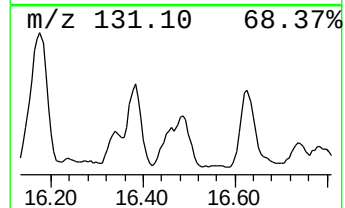
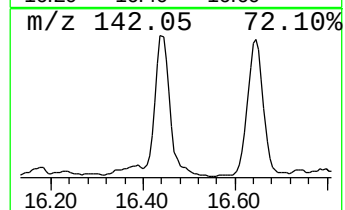
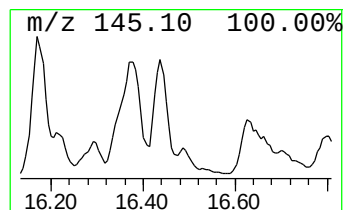
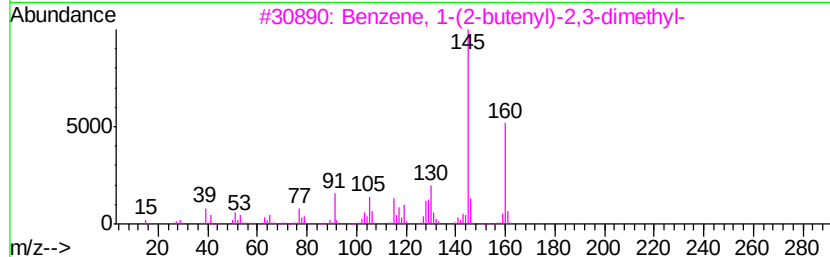
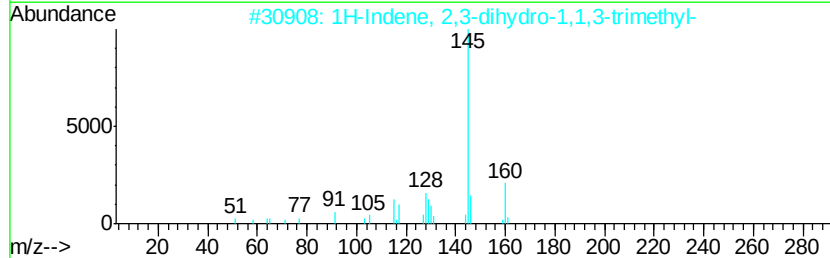
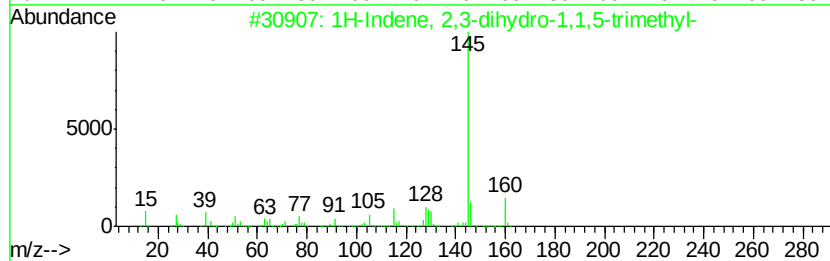
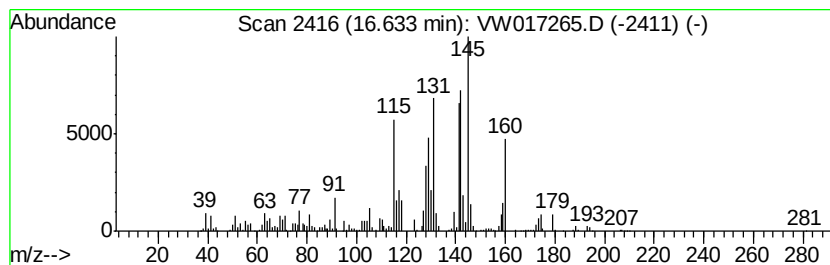
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 31 unknown-03 Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 16.63 | 53.30 ug/L | 1090460 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 | C12H16  | 040650-41-7 | 64   |
| 2    |    | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 49   |
| 3    |    | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 38   |
| 4    |    | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 38   |
| 5    |    | 1H-Inden-1-one, 2,3-dihydro-3,3-... | 160 | C11H12O | 026465-81-6 | 38   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW111620\  
 Data File : VW017265.D  
 Acq On : 16 Nov 2020 18:28  
 Operator : SY/VA  
 Sample : L4727-13RE  
 Misc : 4.02G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AC8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: Str... | 9.90  | 1.4     | ug/L  | 50740    | 1                     | 8.85  | 901319 | 25.0 |
| unknown-01           | 12.94 | 2.0     | ug/L  | 41118    | 3                     | 13.56 | 511448 | 25.0 |
| Cyclohexanone, 2,... | 13.13 | 1.4     | ug/L  | 27886    | 3                     | 13.56 | 511448 | 25.0 |
| unknown-02           | 13.41 | 1.5     | ug/L  | 30991    | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1-ethyl-... | 13.79 | 4.2     | ug/L  | 86119    | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 2-ethyl-... | 14.01 | 4.8     | ug/L  | 98115    | 3                     | 13.56 | 511448 | 25.0 |
| 1,3,8-p-Menthatriene | 14.20 | 5.4     | ug/L  | 109572   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1,3-dime... | 14.25 | 10.7    | ug/L  | 219465   | 3                     | 13.56 | 511448 | 25.0 |
| o-Cymene             | 14.34 | 6.8     | ug/L  | 138139   | 3                     | 13.56 | 511448 | 25.0 |
| Naphthalene, deca... | 14.38 | 9.5     | ug/L  | 193738   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1,2,3,5-... | 14.42 | 11.7    | ug/L  | 238319   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1-ethyl-... | 14.46 | 21.2    | ug/L  | 434317   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1-ethyl-... | 14.51 | 8.5     | ug/L  | 174312   | 3                     | 13.56 | 511448 | 25.0 |
| cis-Decalin, 2-sy... | 14.55 | 19.5    | ug/L  | 399668   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1-methyl... | 14.73 | 9.0     | ug/L  | 183989   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1,2,4,5-... | 14.79 | 51.3    | ug/L  | 1048450  | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1,2,4-tr... | 14.88 | 11.7    | ug/L  | 239081   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1-(1,1-d... | 14.98 | 18.8    | ug/L  | 383539   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1,4-diet... | 15.07 | 100.7   | ug/L  | 2060240  | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, (2-chlor... | 15.18 | 65.0    | ug/L  | 1329210  | 3                     | 13.56 | 511448 | 25.0 |
| 1H-Indene, 2,3-di... | 15.32 | 33.8    | ug/L  | 692353   | 3                     | 13.56 | 511448 | 25.0 |
| Naphthalene, 1,2,... | 15.42 | 16.6    | ug/L  | 338793   | 3                     | 13.56 | 511448 | 25.0 |
| 1H-Indene, 2,3-di... | 15.66 | 26.4    | ug/L  | 541025   | 3                     | 13.56 | 511448 | 25.0 |
| Benzene, 1-(1-met... | 16.02 | 50.5    | ug/L  | 1032120  | 3                     | 13.56 | 511448 | 25.0 |
| 1H-Indene, 2,3-di... | 16.17 | 58.1    | ug/L  | 1188130  | 3                     | 13.56 | 511448 | 25.0 |
| unknown-03           | 16.63 | 53.3    | ug/L  | 1090460  | 3                     | 13.56 | 511448 | 25.0 |