

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
 Data File : VX022228.D  
 Acq On : 27 May 2021 13:32  
 Operator : JC/MD  
 Sample : M2535-01 20X  
 Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GHOST-1D

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82X051921W.M  
 Title : SW846 8260

Signal : TIC: VX022228.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         | 4.306       | 520           | 528         | 540          | rVB2     | 80140          | 231023        | 1.03%           | 0.133%        |
| 2         | 5.501       | 713           | 724         | 731          | rBV5     | 135308         | 537335        | 2.39%           | 0.309%        |
| 3         | 5.629       | 739           | 745         | 765          | rVB2     | 95455          | 302439        | 1.35%           | 0.174%        |
| 4         | 5.830       | 765           | 778         | 791          | rBV      | 180741         | 533596        | 2.37%           | 0.307%        |
| 5         | 6.257       | 838           | 848         | 859          | rVV      | 717453         | 2180359       | 9.70%           | 1.253%        |
| 6         | 6.617       | 896           | 907         | 916          | rBV      | 225364         | 542182        | 2.41%           | 0.312%        |
| 7         | 6.769       | 924           | 932         | 939          | rBV      | 134688         | 342342        | 1.52%           | 0.197%        |
| 8         | 7.385       | 1019          | 1033        | 1044         | rVB2     | 515563         | 1242717       | 5.53%           | 0.714%        |
| 9         | 7.501       | 1044          | 1052        | 1058         | rBV      | 226431         | 479243        | 2.13%           | 0.275%        |
| 10        | 7.568       | 1058          | 1063        | 1067         | rBV      | 211394         | 409557        | 1.82%           | 0.235%        |
| 11        | 7.988       | 1122          | 1132        | 1143         | rVB      | 906098         | 1884100       | 8.38%           | 1.083%        |
| 12        | 8.110       | 1143          | 1152        | 1161         | rBV2     | 1078363        | 2361265       | 10.51%          | 1.357%        |
| 13        | 8.190       | 1161          | 1165        | 1175         | rVV2     | 320110         | 642401        | 2.86%           | 0.369%        |
| 14        | 8.281       | 1175          | 1180        | 1183         | rVV      | 379075         | 639171        | 2.84%           | 0.367%        |
| 15        | 8.318       | 1183          | 1186        | 1192         | rVB      | 198795         | 317774        | 1.41%           | 0.183%        |
| 16        | 8.440       | 1201          | 1206        | 1211         | rBV      | 364304         | 600211        | 2.67%           | 0.345%        |
| 17        | 8.616       | 1227          | 1235        | 1239         | rBV2     | 657235         | 1578925       | 7.02%           | 0.907%        |
| 18        | 8.726       | 1246          | 1253        | 1258         | rBV      | 3384578        | 5276465       | 23.47%          | 3.033%        |
| 19        | 8.915       | 1278          | 1284        | 1291         | rBV2     | 655488         | 1053706       | 4.69%           | 0.606%        |
| 20        | 8.982       | 1291          | 1295        | 1301         | rVB2     | 195155         | 344480        | 1.53%           | 0.198%        |
| 21        | 9.104       | 1306          | 1315        | 1321         | rVV      | 175670         | 391112        | 1.74%           | 0.225%        |
| 22        | 9.165       | 1321          | 1325        | 1328         | rVV2     | 146320         | 225844        | 1.00%           | 0.130%        |
| 23        | 9.202       | 1328          | 1331        | 1341         | rVB2     | 143969         | 250095        | 1.11%           | 0.144%        |
| 24        | 9.391       | 1356          | 1362        | 1367         | rBV2     | 186963         | 306394        | 1.36%           | 0.176%        |
| 25        | 9.507       | 1376          | 1381        | 1387         | rBV3     | 287165         | 613644        | 2.73%           | 0.353%        |
| 26        | 9.567       | 1387          | 1391        | 1395         | rVB      | 311554         | 421191        | 1.87%           | 0.242%        |
| 27        | 9.622       | 1395          | 1400        | 1404         | rBV2     | 203965         | 348708        | 1.55%           | 0.200%        |
| 28        | 9.824       | 1428          | 1433        | 1438         | rBV2     | 170329         | 366901        | 1.63%           | 0.211%        |
| 29        | 9.909       | 1443          | 1447        | 1452         | rVB      | 544487         | 752774        | 3.35%           | 0.433%        |
| 30        | 10.013      | 1457          | 1464        | 1468         | rBV      | 462857         | 629540        | 2.80%           | 0.362%        |
| 31        | 10.055      | 1468          | 1471        | 1475         | rVB      | 284493         | 365763        | 1.63%           | 0.210%        |
| 32        | 10.104      | 1475          | 1479        | 1482         | rBV      | 171217         | 252204        | 1.12%           | 0.145%        |
| 33        | 10.202      | 1489          | 1495        | 1500         | rVB      | 4686007        | 6227420       | 27.71%          | 3.579%        |
| 34        | 10.311      | 1500          | 1513        | 1518         | rVV      | 15117042       | 22477229      | 100.00%         | 12.919%       |
| 35        | 10.366      | 1518          | 1522        | 1533         | rVB      | 847037         | 1379898       | 6.14%           | 0.793%        |
| 36        | 10.592      | 1553          | 1559        | 1562         | rBV      | 275047         | 397556        | 1.77%           | 0.228%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
 Data File : VX022228.D  
 Acq On : 27 May 2021 13:32  
 Operator : JC/MD  
 Sample : M2535-01 20X  
 Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GHOST-1D

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82X051921W.M  
 Title : SW846 8260

|    |        |      |      |      |      |          |          |        |         |
|----|--------|------|------|------|------|----------|----------|--------|---------|
| 37 | 10.647 | 1562 | 1568 | 1578 | rVB  | 7398345  | 10026827 | 44.61% | 5.763%  |
| 38 | 10.781 | 1588 | 1590 | 1594 | rVB  | 258476   | 303980   | 1.35%  | 0.175%  |
| 39 | 10.860 | 1594 | 1603 | 1607 | rBV3 | 274974   | 468478   | 2.08%  | 0.269%  |
| 40 | 10.964 | 1615 | 1620 | 1625 | rBV  | 719935   | 978043   | 4.35%  | 0.562%  |
| 41 | 11.085 | 1635 | 1640 | 1643 | rBV3 | 344772   | 522452   | 2.32%  | 0.300%  |
| 42 | 11.122 | 1643 | 1646 | 1651 | rVB2 | 461936   | 679141   | 3.02%  | 0.390%  |
| 43 | 11.195 | 1651 | 1658 | 1661 | rBV  | 195943   | 283901   | 1.26%  | 0.163%  |
| 44 | 11.311 | 1666 | 1677 | 1684 | rBV  | 2590747  | 3445483  | 15.33% | 1.980%  |
| 45 | 11.384 | 1684 | 1689 | 1697 | rVV  | 8217094  | 15867045 | 70.59% | 9.120%  |
| 46 | 11.457 | 1697 | 1701 | 1712 | rVB  | 4500465  | 6095181  | 27.12% | 3.503%  |
| 47 | 11.616 | 1722 | 1727 | 1735 | rVB  | 3827154  | 4771562  | 21.23% | 2.742%  |
| 48 | 11.762 | 1745 | 1751 | 1756 | rVB  | 13973137 | 18000567 | 80.08% | 10.346% |
| 49 | 11.896 | 1770 | 1773 | 1776 | rVB  | 263007   | 306807   | 1.36%  | 0.176%  |
| 50 | 11.939 | 1776 | 1780 | 1783 | rBV3 | 306636   | 414327   | 1.84%  | 0.238%  |
| 51 | 11.976 | 1783 | 1786 | 1789 | rVB  | 484340   | 537226   | 2.39%  | 0.309%  |
| 52 | 12.024 | 1789 | 1794 | 1799 | rVB4 | 361424   | 573474   | 2.55%  | 0.330%  |
| 53 | 12.091 | 1799 | 1805 | 1809 | rBV  | 4131100  | 5185490  | 23.07% | 2.980%  |
| 54 | 12.250 | 1825 | 1831 | 1833 | rBV  | 3398660  | 4705103  | 20.93% | 2.704%  |
| 55 | 12.274 | 1833 | 1835 | 1838 | rVV  | 2356732  | 2421602  | 10.77% | 1.392%  |
| 56 | 12.323 | 1838 | 1843 | 1850 | rVB3 | 3249146  | 5368956  | 23.89% | 3.086%  |
| 57 | 12.408 | 1850 | 1857 | 1863 | rBV3 | 261188   | 557046   | 2.48%  | 0.320%  |
| 58 | 12.469 | 1863 | 1867 | 1873 | rVB  | 872663   | 1168176  | 5.20%  | 0.671%  |
| 59 | 12.536 | 1873 | 1878 | 1880 | rBV  | 1756863  | 2359774  | 10.50% | 1.356%  |
| 60 | 12.561 | 1880 | 1882 | 1886 | rVV  | 1547831  | 1568801  | 6.98%  | 0.902%  |
| 61 | 12.616 | 1886 | 1891 | 1894 | rVV  | 2796880  | 3230797  | 14.37% | 1.857%  |
| 62 | 12.646 | 1894 | 1896 | 1901 | rVB  | 529575   | 629763   | 2.80%  | 0.362%  |
| 63 | 12.701 | 1901 | 1905 | 1913 | rBV3 | 1415130  | 2382292  | 10.60% | 1.369%  |
| 64 | 12.853 | 1925 | 1930 | 1934 | rVB  | 656050   | 861626   | 3.83%  | 0.495%  |
| 65 | 12.927 | 1934 | 1942 | 1945 | rBV  | 1545784  | 2010947  | 8.95%  | 1.156%  |
| 66 | 12.969 | 1945 | 1949 | 1954 | rVB  | 2027371  | 2572139  | 11.44% | 1.478%  |
| 67 | 13.030 | 1954 | 1959 | 1960 | rBV  | 374737   | 487803   | 2.17%  | 0.280%  |
| 68 | 13.049 | 1960 | 1962 | 1964 | rVV  | 370212   | 427966   | 1.90%  | 0.246%  |
| 69 | 13.073 | 1964 | 1966 | 1969 | rVB  | 318884   | 307002   | 1.37%  | 0.176%  |
| 70 | 13.170 | 1975 | 1982 | 1986 | rBV2 | 1791280  | 2479203  | 11.03% | 1.425%  |
| 71 | 13.213 | 1986 | 1989 | 1993 | rVB2 | 396720   | 498548   | 2.22%  | 0.287%  |
| 72 | 13.256 | 1993 | 1996 | 1999 | rBV2 | 350376   | 501342   | 2.23%  | 0.288%  |
| 73 | 13.299 | 1999 | 2003 | 2008 | rVV2 | 2550387  | 3553720  | 15.81% | 2.043%  |
| 74 | 13.372 | 2012 | 2015 | 2020 | rVB  | 343793   | 389756   | 1.73%  | 0.224%  |
| 75 | 13.427 | 2020 | 2024 | 2032 | rVB  | 550006   | 728840   | 3.24%  | 0.419%  |
| 76 | 13.506 | 2032 | 2037 | 2040 | rBV2 | 314136   | 418982   | 1.86%  | 0.241%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
 Data File : VX022228.D  
 Acq On : 27 May 2021 13:32  
 Operator : JC/MD  
 Sample : M2535-01 20X  
 Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GHOST-1D

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82X051921W.M

Title : SW846 8260

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 13.548 | 2040 | 2044 | 2047 | rBV  | 506182  | 654375  | 2.91%  | 0.376% |
| 78 | 13.585 | 2047 | 2050 | 2056 | rVB3 | 527352  | 811614  | 3.61%  | 0.466% |
| 79 | 13.664 | 2061 | 2063 | 2069 | rVB2 | 463894  | 720287  | 3.20%  | 0.414% |
| 80 | 13.780 | 2076 | 2082 | 2088 | rBV  | 2150656 | 2680340 | 11.92% | 1.541% |
| 81 | 13.926 | 2100 | 2106 | 2111 | rBV3 | 282418  | 518539  | 2.31%  | 0.298% |
| 82 | 14.079 | 2127 | 2131 | 2135 | rBV  | 359880  | 429934  | 1.91%  | 0.247% |
| 83 | 14.219 | 2149 | 2154 | 2163 | rBV2 | 313193  | 563926  | 2.51%  | 0.324% |
| 84 | 14.378 | 2176 | 2180 | 2184 | rVB  | 201606  | 244956  | 1.09%  | 0.141% |
| 85 | 14.640 | 2215 | 2223 | 2228 | rBV  | 1347947 | 1673018 | 7.44%  | 0.962% |
| 86 | 14.780 | 2241 | 2246 | 2251 | rBV  | 544152  | 694339  | 3.09%  | 0.399% |

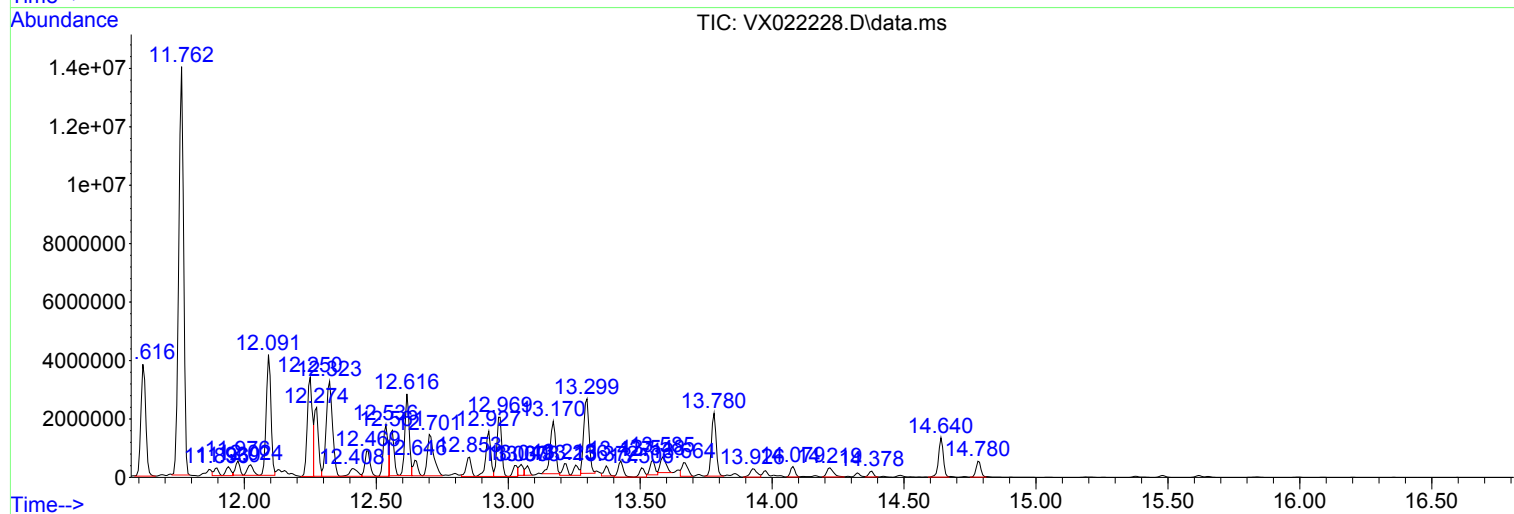
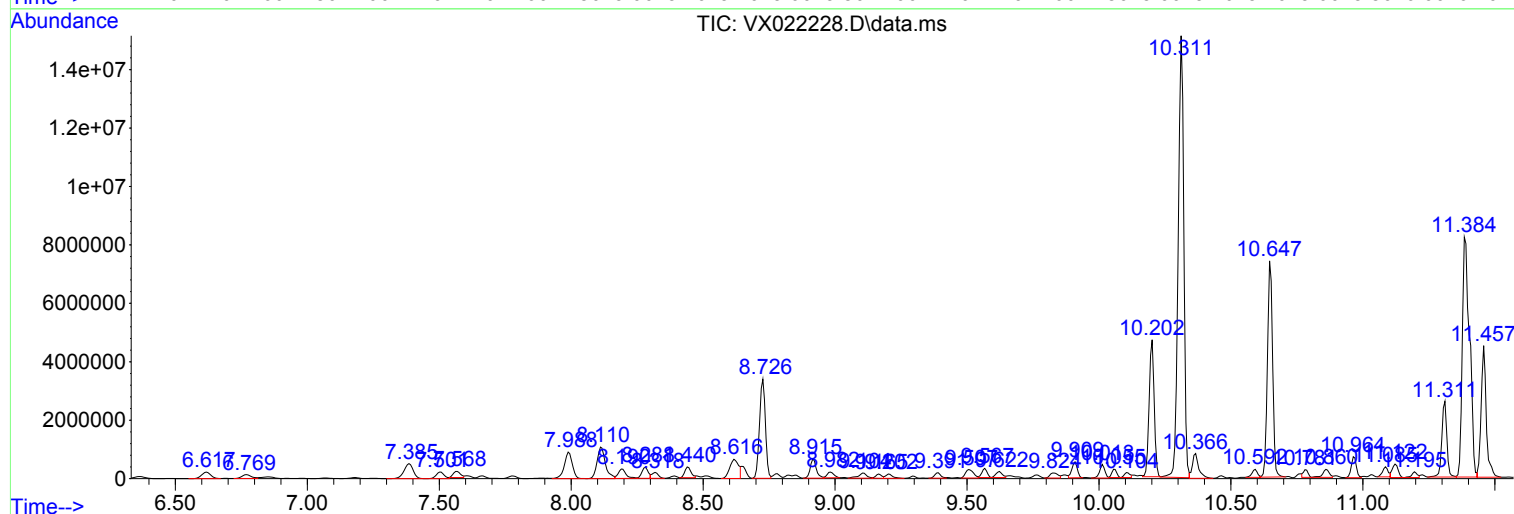
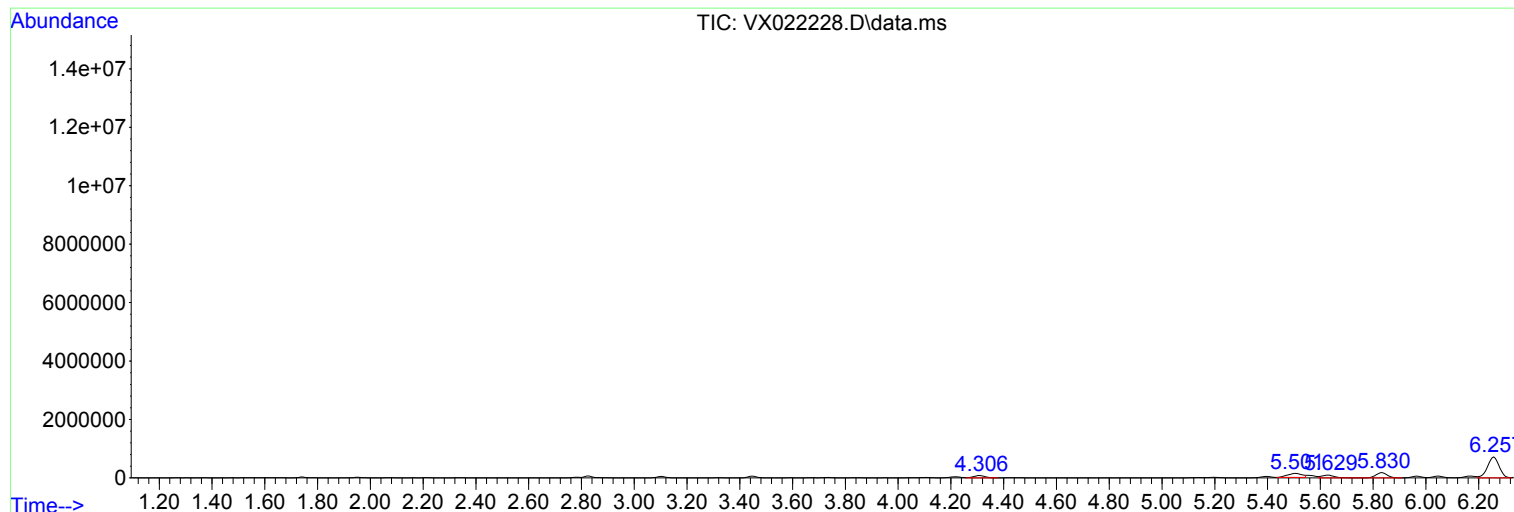
Sum of corrected areas: 173987060

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

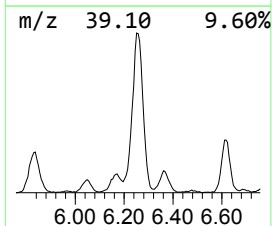
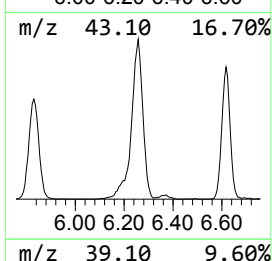
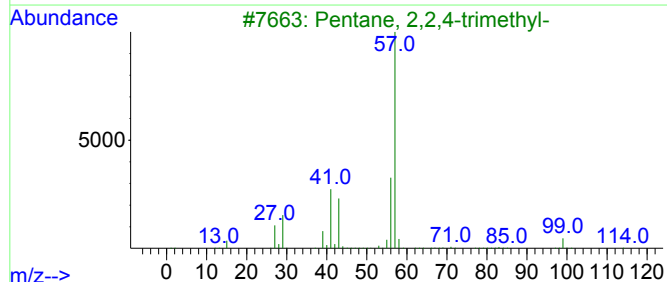
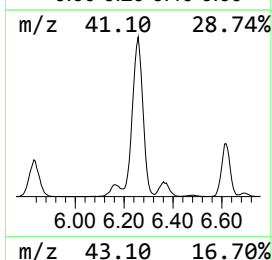
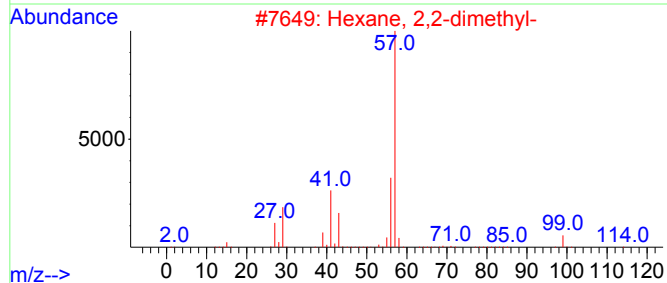
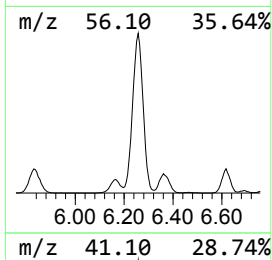
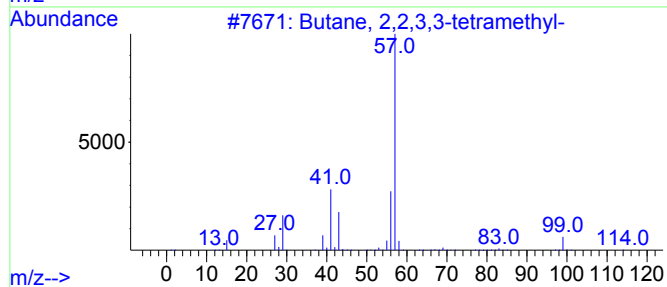
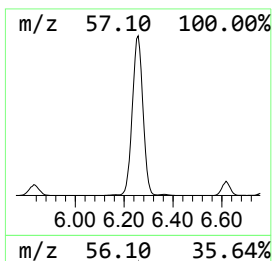
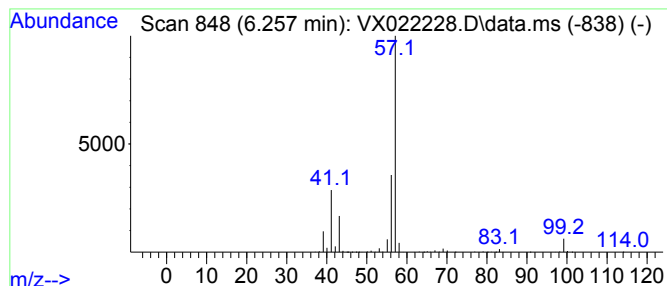
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD    | R.T.  |
|-------|-------------|---------|---------------------|-------|
| 6.257 | 318.45 ug/l | 2180360 | 1,4-Difluorobenzene | 6.769 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2,2,3,3-tetramethyl-  | 114 | C8H18   | 000594-82-1 | 78   |
| 2    |    |   | Hexane, 2,2-dimethyl-         | 114 | C8H18   | 000590-73-8 | 72   |
| 3    |    |   | Pentane, 2,2,4-trimethyl-     | 114 | C8H18   | 000540-84-1 | 64   |
| 4    |    |   | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20   | 001070-87-7 | 59   |
| 5    |    |   | Undecane, 2,2-dimethyl-       | 184 | C13H28  | 017312-64-0 | 56   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

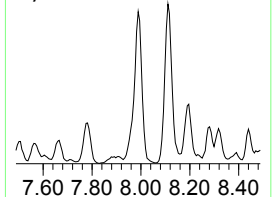
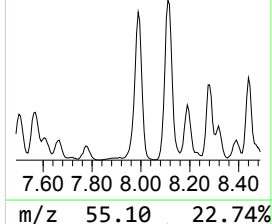
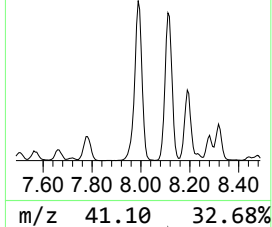
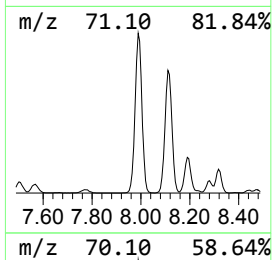
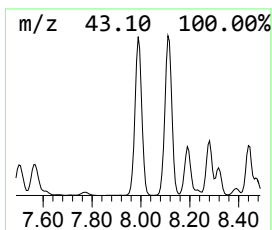
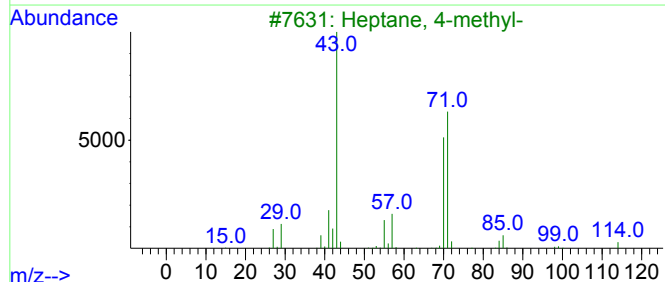
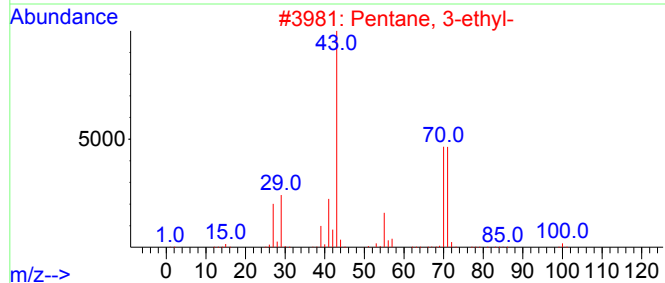
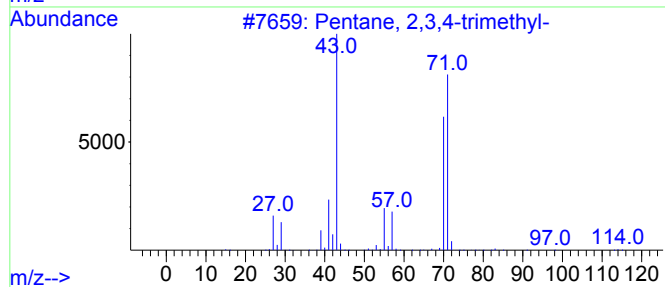
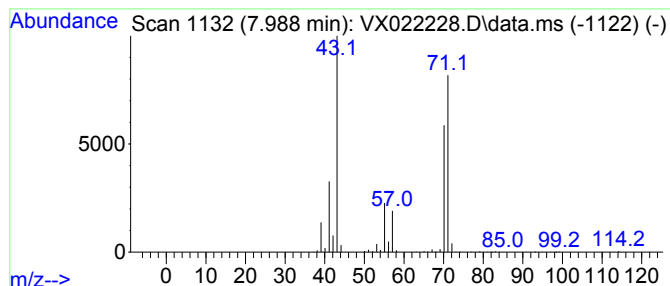
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD    | R.T.  |
|-------|-------------|---------|---------------------|-------|
| 7.988 | 275.18 ug/l | 1884100 | 1,4-Difluorobenzene | 6.769 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 91   |
| 2    |    |   | Pentane, 3-ethyl-         | 100 | C7H16   | 000617-78-7 | 83   |
| 3    |    |   | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 83   |
| 4    |    |   | Heptane, 3,3,4-trimethyl- | 142 | C10H22  | 020278-87-9 | 78   |
| 5    |    |   | Hexane, 3,3,4-trimethyl-  | 128 | C9H20   | 016747-31-2 | 74   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

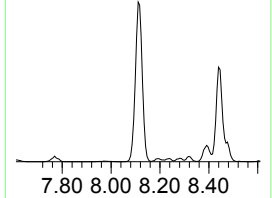
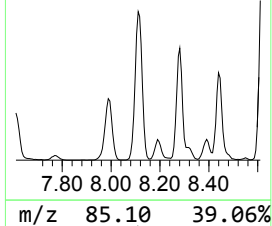
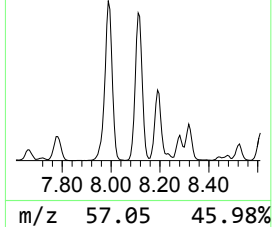
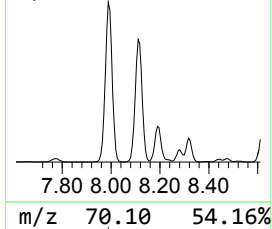
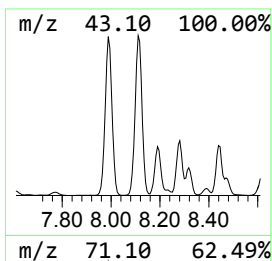
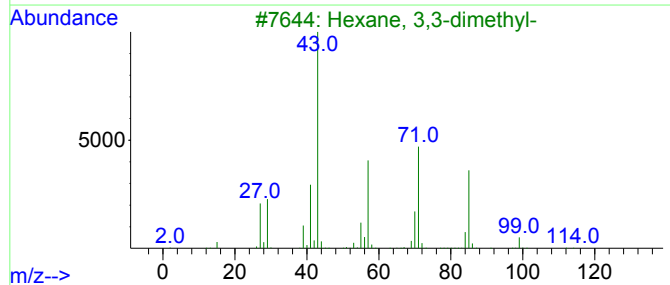
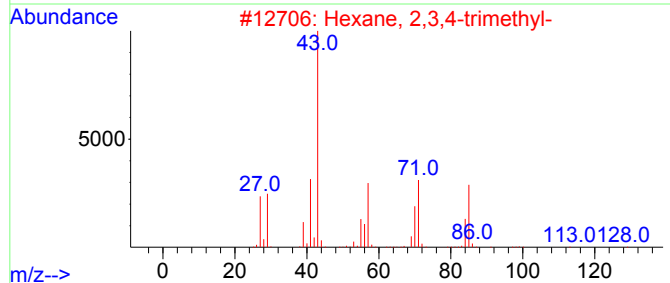
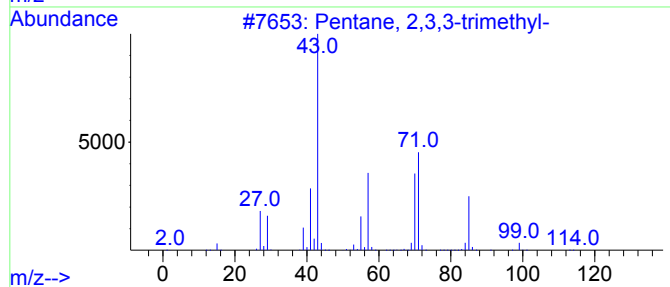
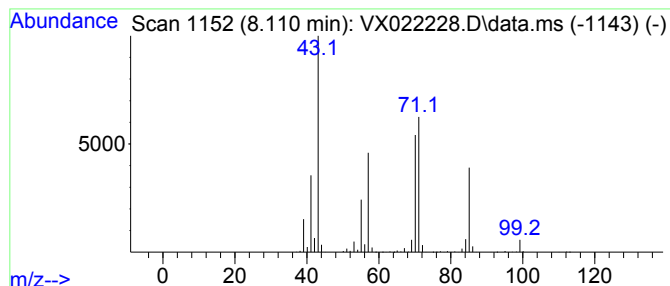
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 5

| R.T.  | EstConc     | Area    | Relative to ISTD    | R.T.  |
|-------|-------------|---------|---------------------|-------|
| 8.110 | 344.87 ug/l | 2361270 | 1,4-Difluorobenzene | 6.769 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Pentane, 2,3,3-trimethyl-          | 114 | C8H18     | 000560-21-4  | 90   |
| 2    |    |   | Hexane, 2,3,4-trimethyl-           | 128 | C9H20     | 000921-47-1  | 64   |
| 3    |    |   | Hexane, 3,3-dimethyl-              | 114 | C8H18     | 000563-16-6  | 64   |
| 4    |    |   | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 59   |
| 5    |    |   | Hexane, 3-methyl-                  | 100 | C7H16     | 000589-34-4  | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

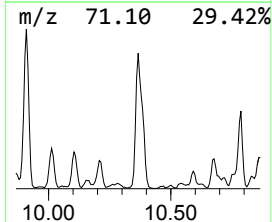
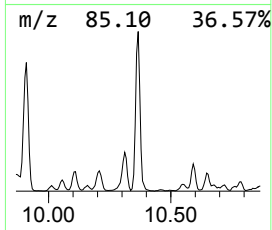
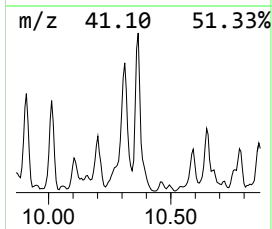
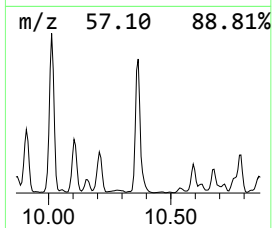
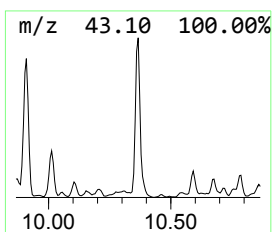
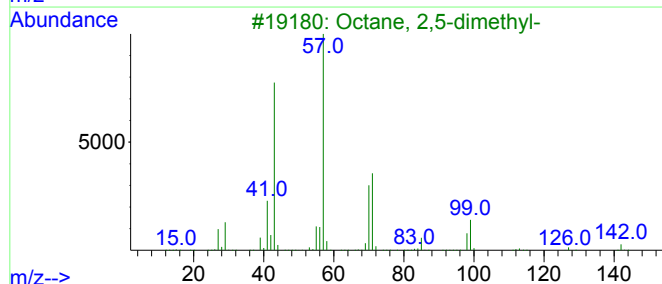
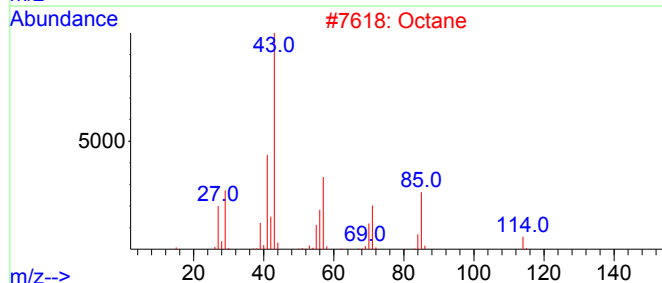
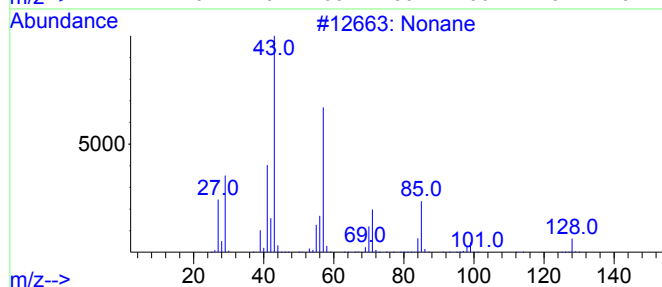
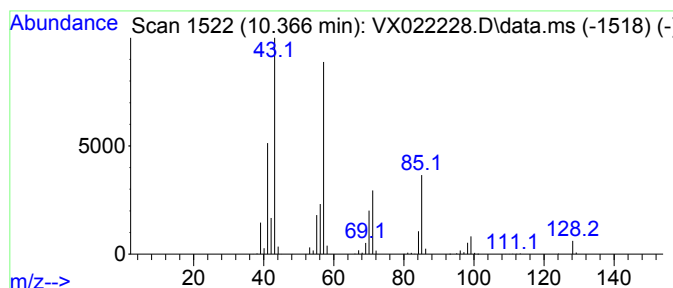
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 4 Nonane Concentration Rank 15

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.366 | 188.63 ug/l | 1379900 | Chlorobenzene-d5 | 10.061 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane                | 128 | C9H20   | 000111-84-2 | 94   |
| 2    |    |   | Octane                | 114 | C8H18   | 000111-65-9 | 72   |
| 3    |    |   | Octane, 2,5-dimethyl- | 142 | C10H22  | 015869-89-3 | 53   |
| 4    |    |   | 4,4-Dimethyl octane   | 142 | C10H22  | 015869-95-1 | 53   |
| 5    |    |   | Octane, 2,7-dimethyl- | 142 | C10H22  | 001072-16-8 | 50   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

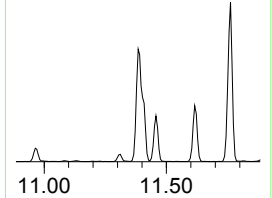
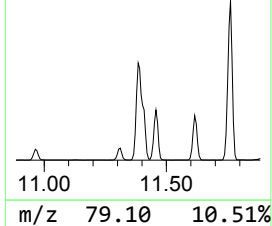
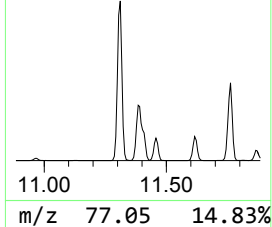
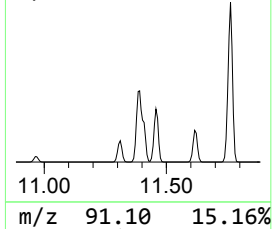
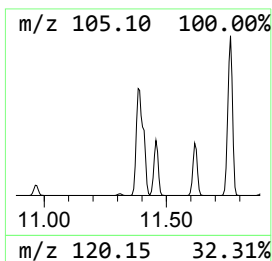
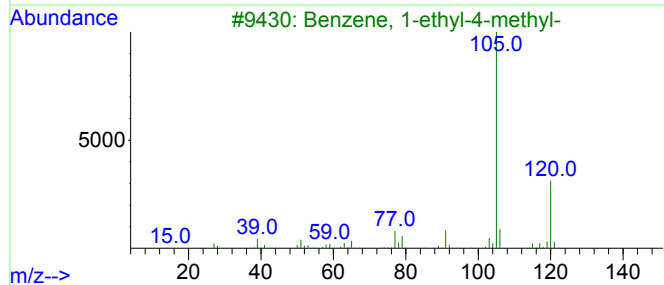
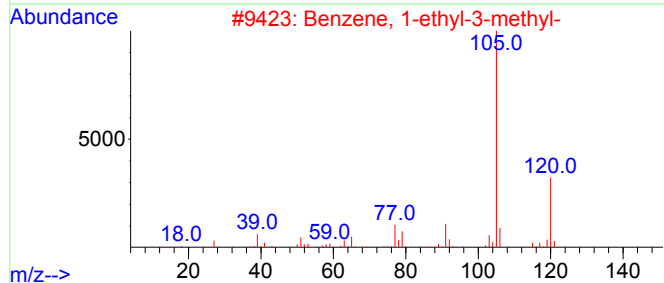
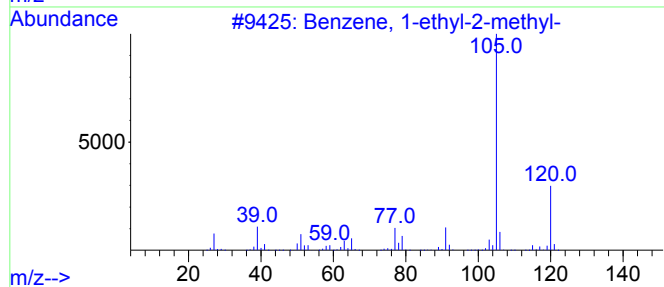
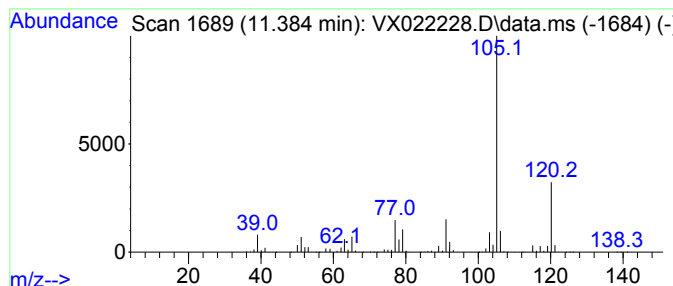
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

| R.T.   | EstConc      | Area     | Relative to ISTD       | R.T.   |
|--------|--------------|----------|------------------------|--------|
| 11.384 | 1383.41 ug/l | 15867000 | 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-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

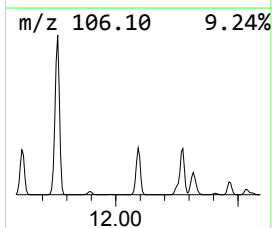
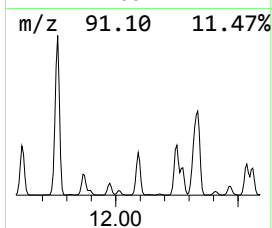
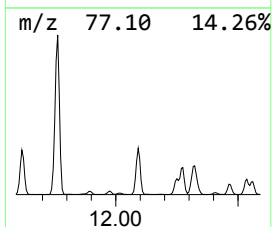
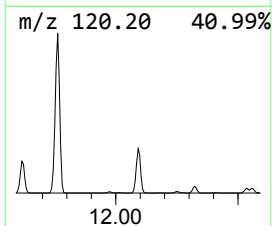
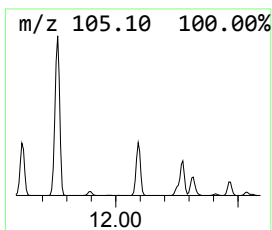
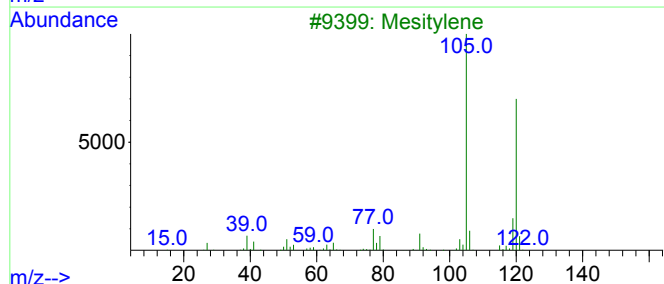
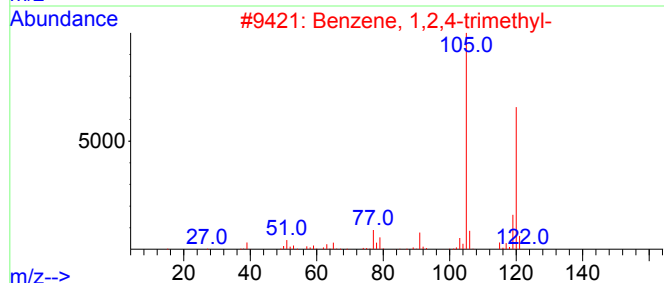
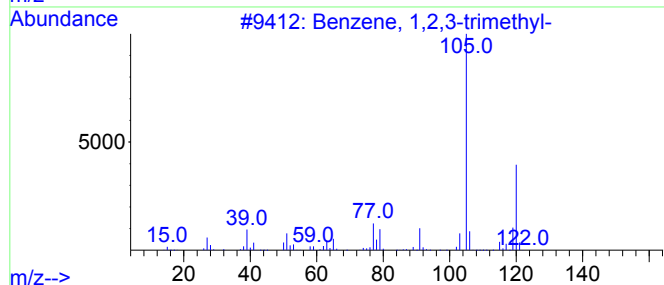
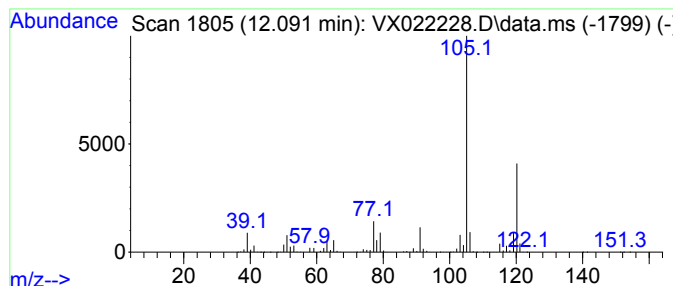
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.091 | 452.11 ug/l | 5185490 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

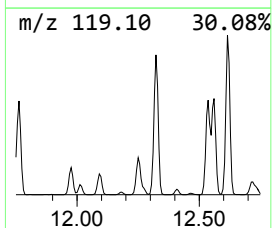
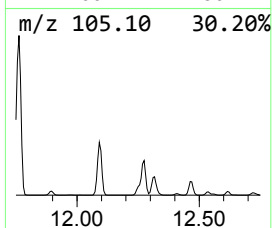
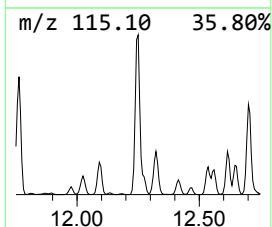
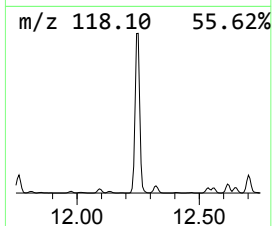
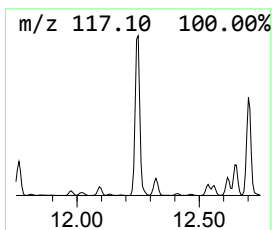
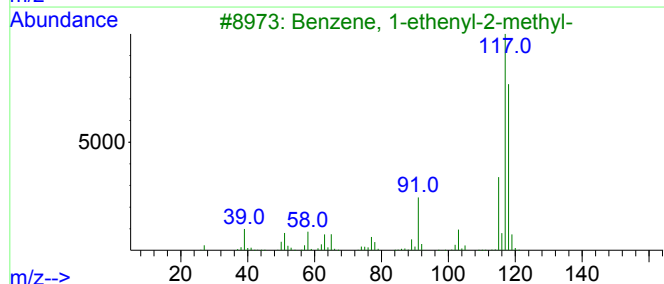
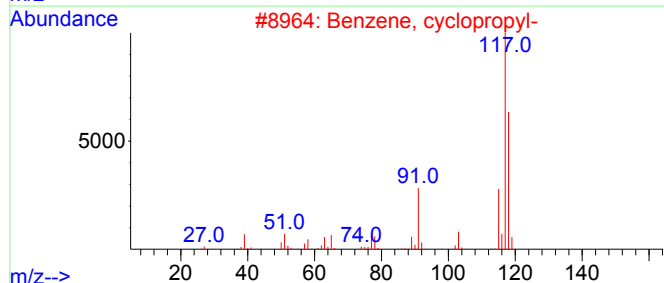
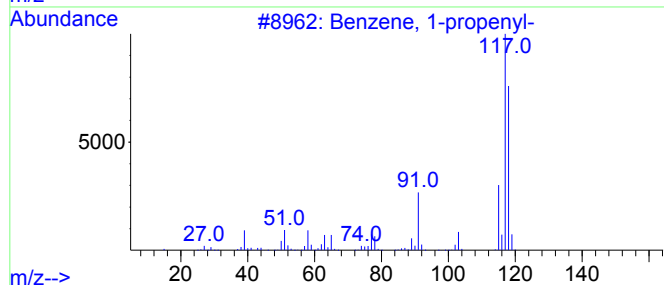
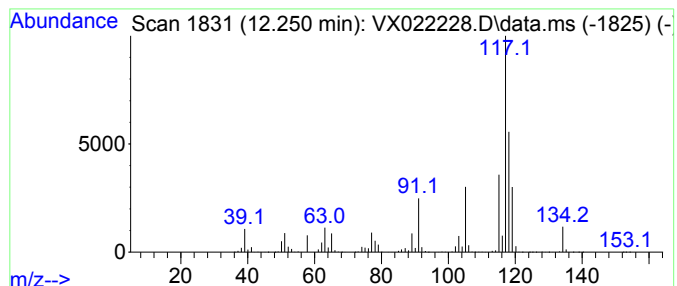
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 Benzene, 1-propenyl- Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.250 | 410.23 ug/l | 4705100 | 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, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 70   |
| 3    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 70   |
| 4    |    |   | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 70   |
| 5    |    |   | Indane                       | 118 | C9H10   | 000496-11-7 | 60   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

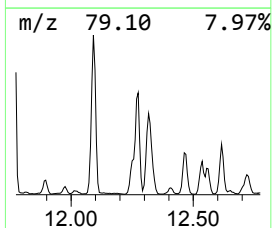
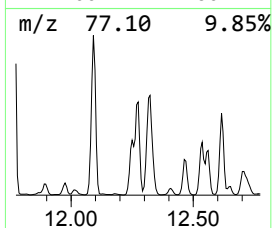
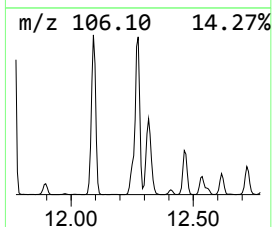
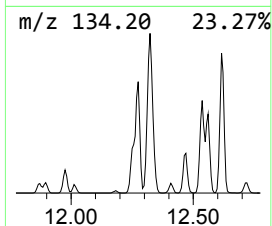
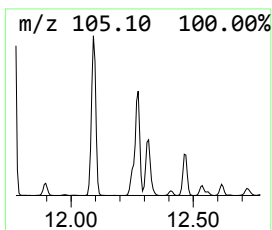
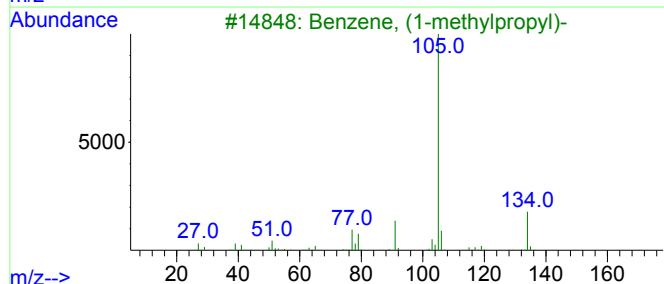
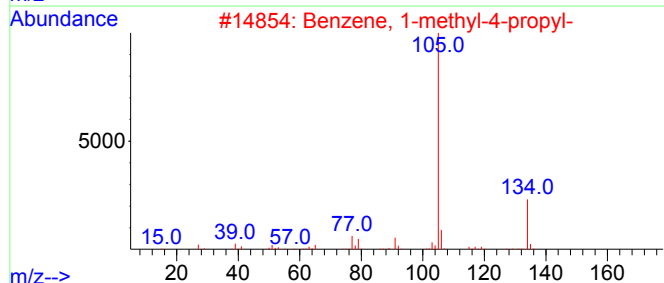
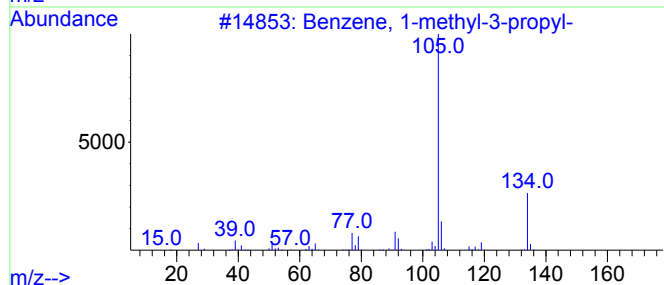
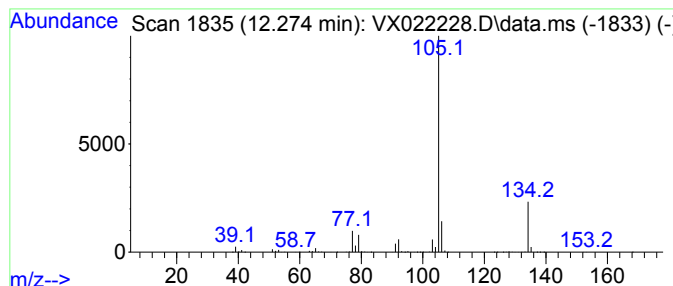
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 12

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.274 | 211.13 ug/l | 2421600 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 91   |
| 2    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 86   |
| 3    |    |   | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 80   |
| 4    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 78   |
| 5    |    |   | 2-Indanol                   | 134 | C9H10O  | 004254-29-9 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

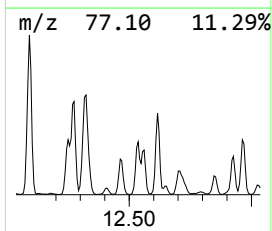
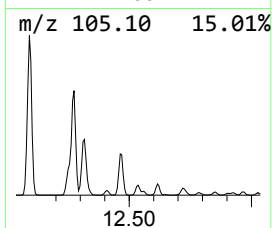
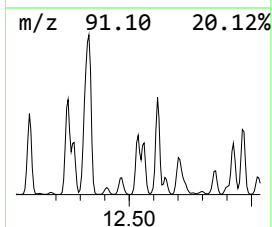
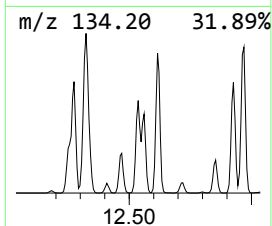
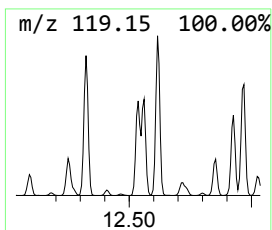
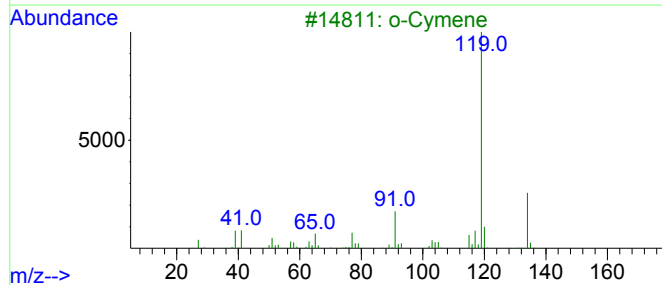
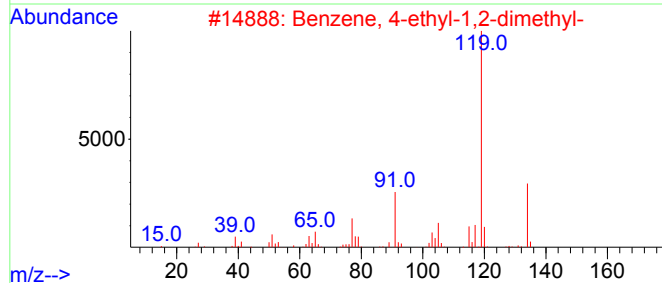
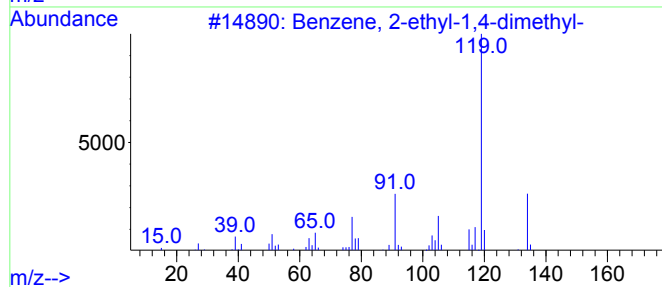
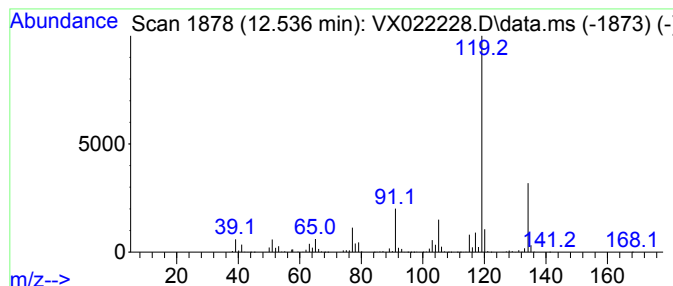
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.537 | 205.74 ug/l | 2359770 | 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 | 96   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 96   |
| 3    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 95   |
| 5    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

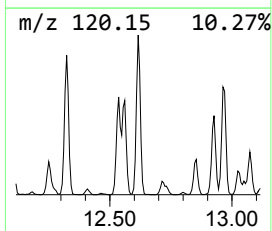
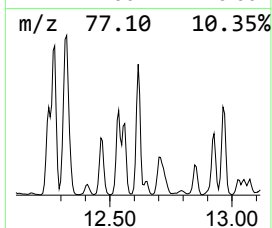
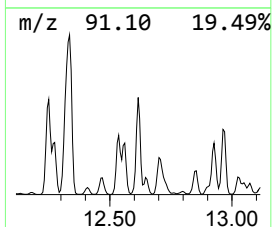
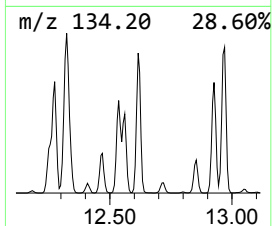
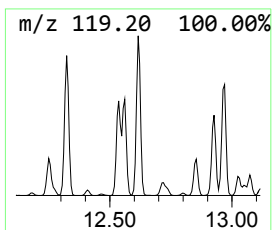
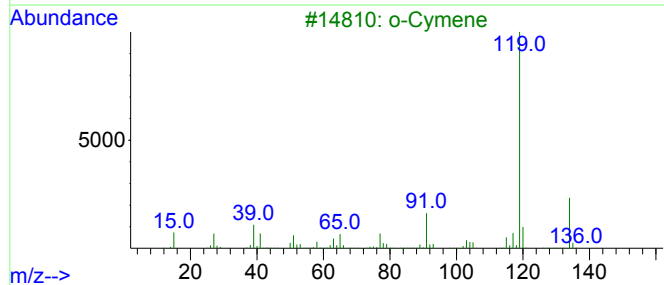
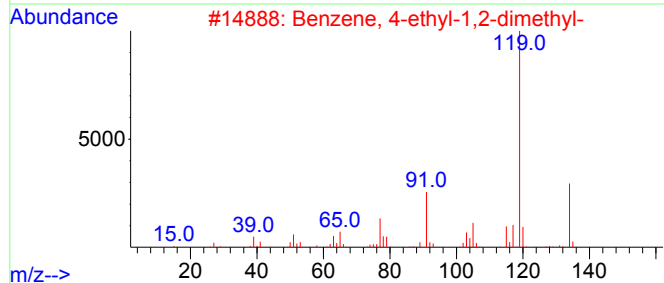
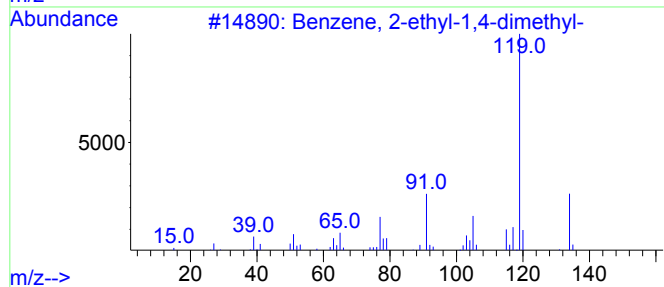
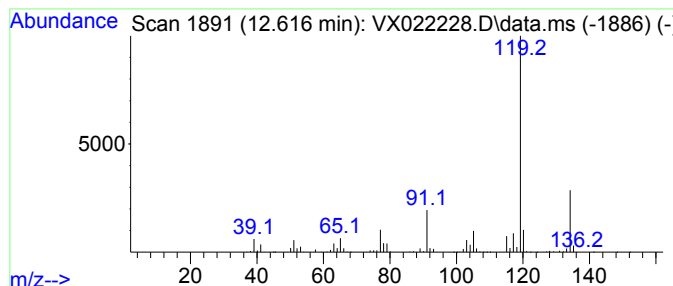
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.616 | 281.69 ug/l | 3230800 | 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 | 96   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 96   |
| 3    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 95   |
| 5    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

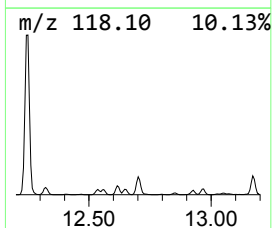
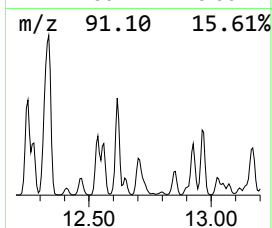
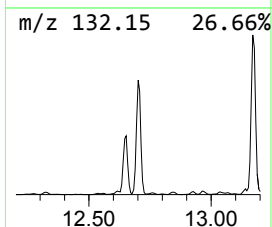
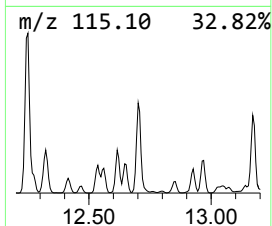
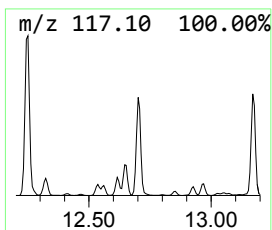
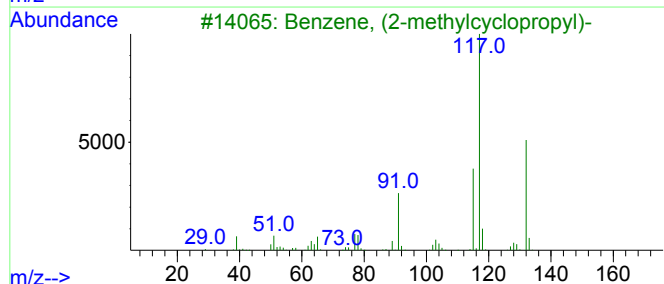
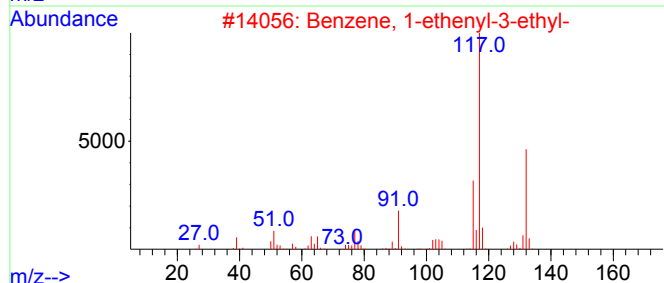
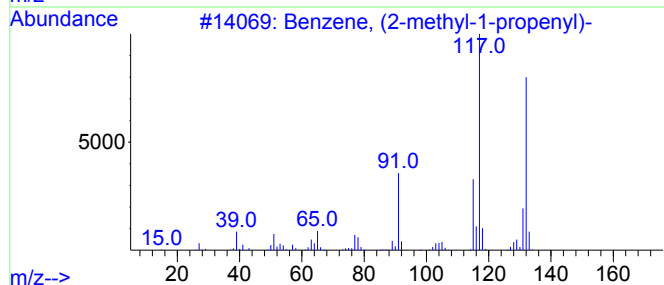
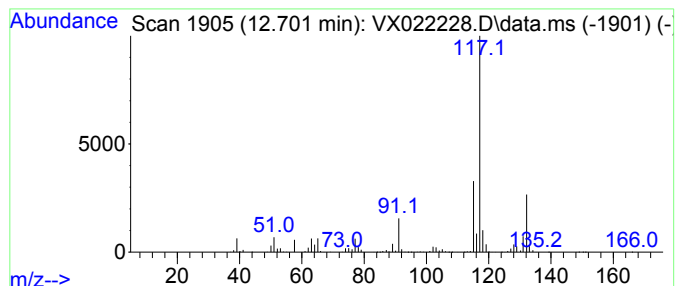
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 12 Benzene, (2-methyl-1-propen... Concentration Rank 13

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.701 | 207.71 ug/l | 2382290 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12  | 000768-49-0  | 90   |
| 2    |    |   | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4  | 90   |
| 3    |    |   | Benzene, (2-methylcyclopropyl)- | 132 | C10H12  | 1000327-39-0 | 87   |
| 4    |    |   | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8  | 87   |
| 5    |    |   | 1-Phenyl-1-butene               | 132 | C10H12  | 000824-90-8  | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

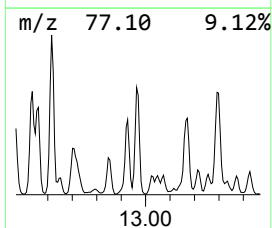
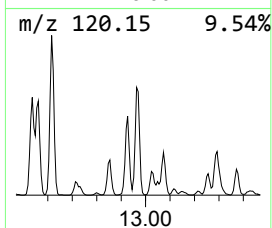
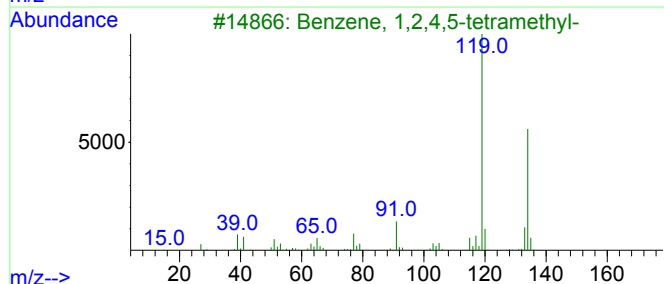
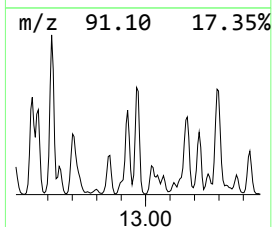
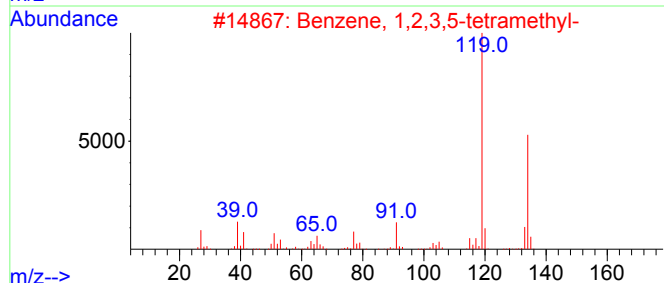
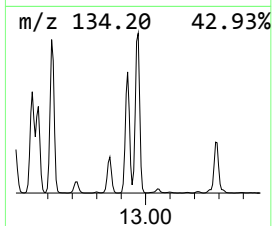
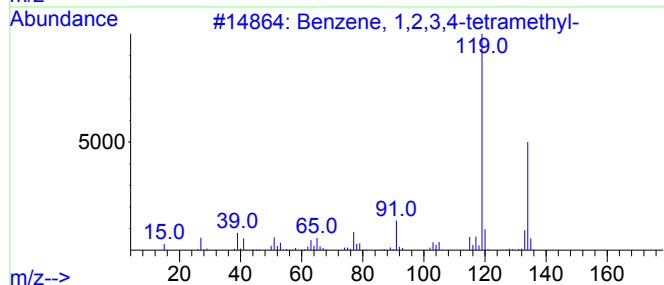
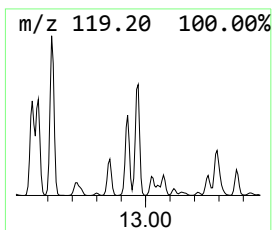
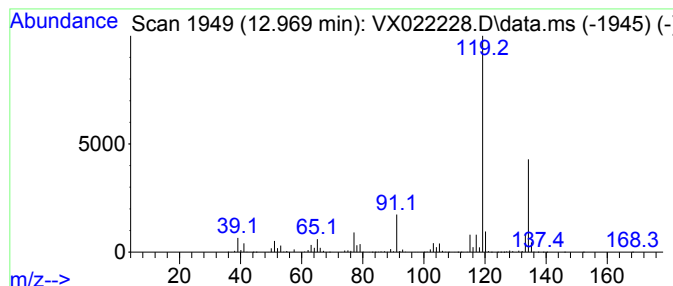
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.969 | 224.26 ug/l | 2572140 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 94   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 94   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 94   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |
| 5    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

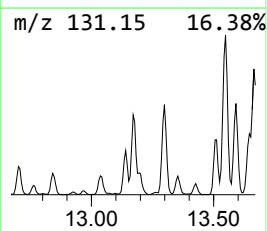
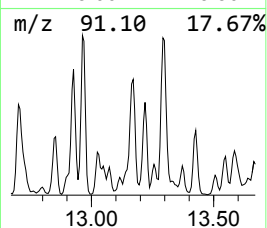
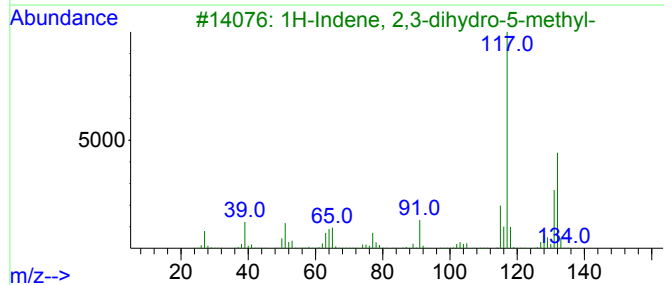
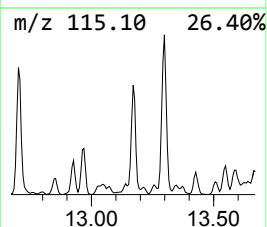
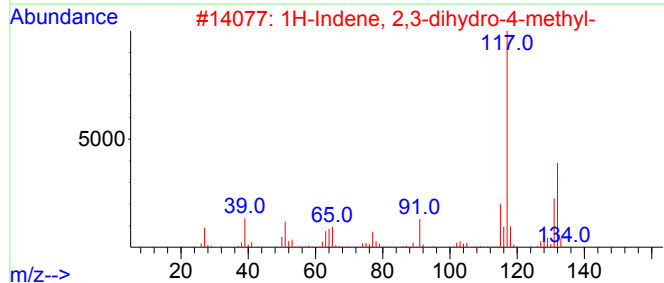
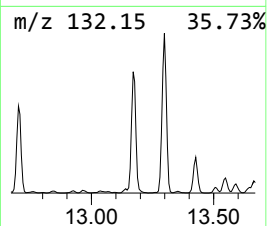
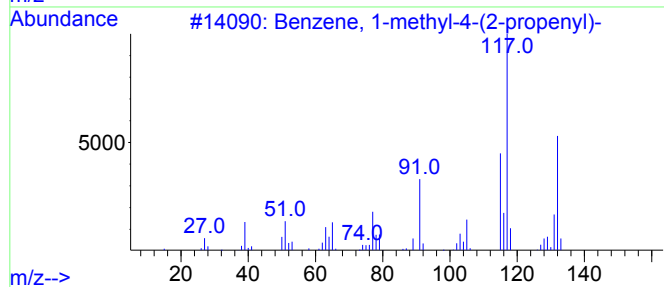
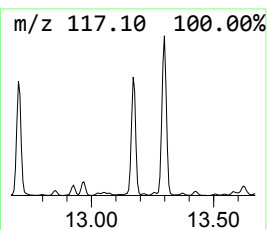
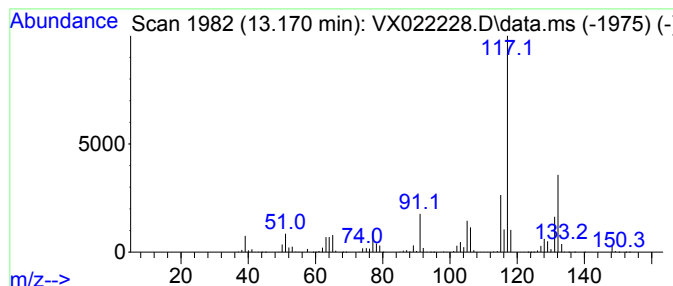
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 14 Benzene, 1-methyl-4-(2-prop... Concentration Rank 11

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.171 | 216.16 ug/l | 2479200 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 96   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-4-methyl-  | 132 | C10H12  | 000824-22-6 | 93   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 91   |
| 4    |    |   | 2,4-Dimethylstyrene               | 132 | C10H12  | 002234-20-0 | 91   |
| 5    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
Data File : VX022228.D  
Acq On : 27 May 2021 13:32  
Operator : JC/MD  
Sample : M2535-01 20X  
Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

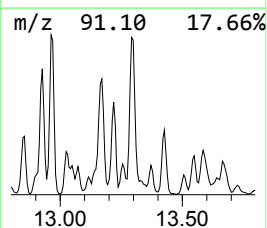
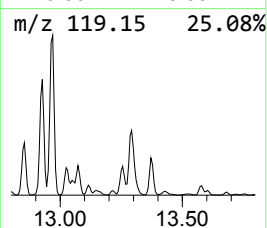
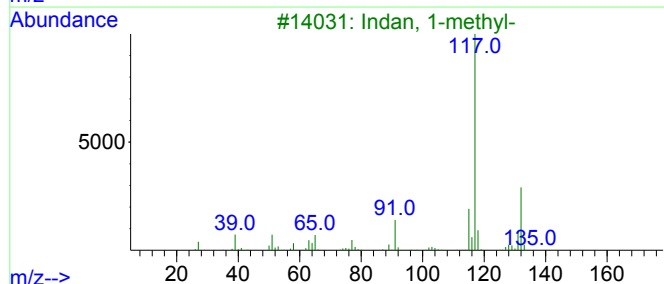
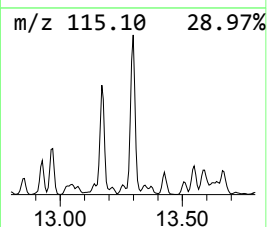
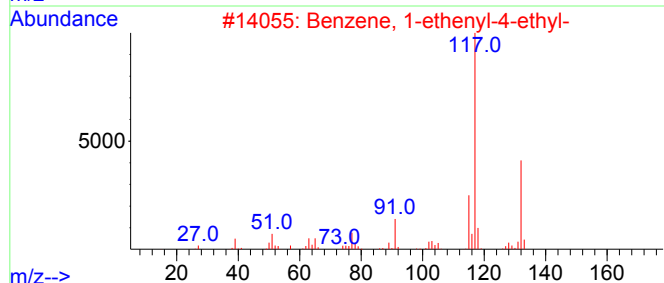
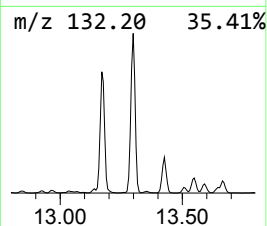
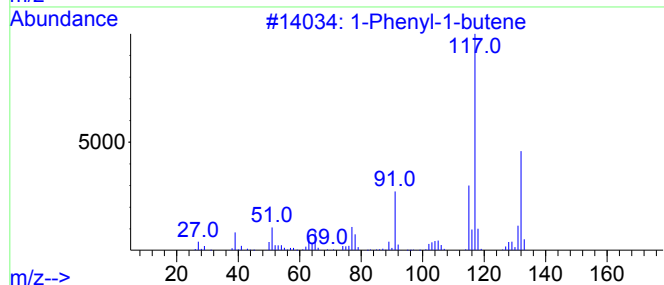
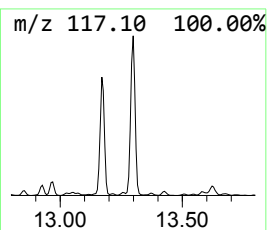
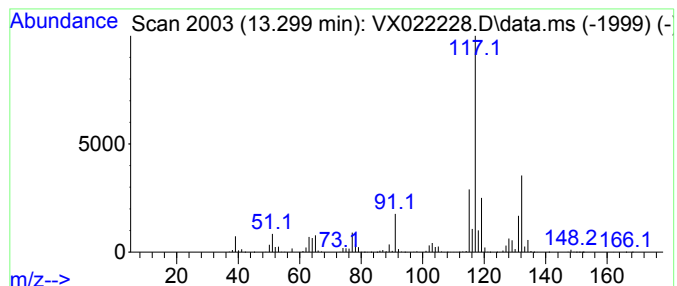
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 15 1-Phenyl-1-butene Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.299 | 309.84 ug/l | 3553720 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenyl-1-butene           | 132 | C10H12  | 000824-90-8 | 90   |
| 2    |    |   | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12  | 003454-07-7 | 89   |
| 3    |    |   | Indan, 1-methyl-            | 132 | C10H12  | 000767-58-8 | 81   |
| 4    |    |   | Benzene, 2-butenyl-         | 132 | C10H12  | 001560-06-1 | 81   |
| 5    |    |   | 3-Phenylbut-1-ene           | 132 | C10H12  | 000934-10-1 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052821\  
 Data File : VX022228.D  
 Acq On : 27 May 2021 13:32  
 Operator : JC/MD  
 Sample : M2535-01 20X  
 Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GHOST-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2,2,3,3... | 6.257  | 318.4   | ug/l  | 2180360  | 2                     | 6.769  | 342342 | 50.0 |
| Pentane, 2,3,4-... | 7.988  | 275.2   | ug/l  | 1884100  | 2                     | 6.769  | 342342 | 50.0 |
| Pentane, 2,3,3-... | 8.110  | 344.9   | ug/l  | 2361270  | 2                     | 6.769  | 342342 | 50.0 |
| Nonane             | 10.366 | 188.6   | ug/l  | 1379900  | 3                     | 10.061 | 365763 | 50.0 |
| Benzene, 1-ethy... | 11.384 | 1383.4  | ug/l  | 15867000 | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, 1,2,3-... | 12.091 | 452.1   | ug/l  | 5185490  | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, 1-prop... | 12.250 | 410.2   | ug/l  | 4705100  | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, 1-meth... | 12.274 | 211.1   | ug/l  | 2421600  | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, 2-ethy... | 12.537 | 205.7   | ug/l  | 2359770  | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, 4-ethy... | 12.616 | 281.7   | ug/l  | 3230800  | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, (2-met... | 12.701 | 207.7   | ug/l  | 2382290  | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, 1,2,3,... | 12.969 | 224.3   | ug/l  | 2572140  | 4                     | 12.024 | 573474 | 50.0 |
| Benzene, 1-meth... | 13.171 | 216.2   | ug/l  | 2479200  | 4                     | 12.024 | 573474 | 50.0 |
| 1-Phenyl-1-butene  | 13.299 | 309.8   | ug/l  | 3553720  | 4                     | 12.024 | 573474 | 50.0 |