

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
 Data File : VX007139.D  
 Acq On : 18 Jan 2019 17:08  
 Operator : JC/SP  
 Sample : K1195-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS038RW016-190116

Integration Parameters: RTEINT.P

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

Filtering: 5  
 Min Area: 3 % 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\_X\METHOD\82X010819W.M  
 Title : SW846 8260

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.410       | 35            | 42          | 45           | rBV      | 60784          | 73826         | 2.71%           | 0.325%        |
| 2         | 1.794       | 101           | 105         | 112          | rVB      | 22701          | 35482         | 1.30%           | 0.156%        |
| 3         | 2.617       | 235           | 240         | 247          | rVB      | 19600          | 36069         | 1.33%           | 0.159%        |
| 4         | 2.848       | 269           | 278         | 287          | rBV      | 71837          | 163432        | 6.01%           | 0.719%        |
| 5         | 4.305       | 509           | 517         | 527          | rBV3     | 16550          | 49341         | 1.81%           | 0.217%        |
| 6         | 4.598       | 554           | 565         | 576          | rVB2     | 43287          | 126345        | 4.64%           | 0.556%        |
| 7         | 5.506       | 701           | 714         | 729          | rBV      | 319512         | 903631        | 33.22%          | 3.976%        |
| 8         | 5.665       | 729           | 740         | 760          | rVB      | 532688         | 1558189       | 57.28%          | 6.856%        |
| 9         | 5.951       | 778           | 787         | 794          | rBV7     | 13355          | 37828         | 1.39%           | 0.166%        |
| 10        | 6.067       | 796           | 806         | 817          | rBV      | 322062         | 833241        | 30.63%          | 3.666%        |
| 11        | 6.348       | 843           | 852         | 862          | rVB2     | 71015          | 204772        | 7.53%           | 0.901%        |
| 12        | 6.860       | 926           | 936         | 949          | rBV      | 786166         | 1872576       | 68.83%          | 8.239%        |
| 13        | 7.451       | 1026          | 1033        | 1042         | rVB7     | 14504          | 38365         | 1.41%           | 0.169%        |
| 14        | 7.683       | 1063          | 1071        | 1077         | rVB2     | 13041          | 32131         | 1.18%           | 0.141%        |
| 15        | 8.055       | 1122          | 1132        | 1139         | rBV      | 71485          | 140353        | 5.16%           | 0.618%        |
| 16        | 8.177       | 1143          | 1152        | 1161         | rVB      | 172220         | 340602        | 12.52%          | 1.499%        |
| 17        | 8.713       | 1229          | 1240        | 1256         | rBV      | 1670351        | 2669182       | 98.11%          | 11.744%       |
| 18        | 8.841       | 1256          | 1261        | 1265         | rVB2     | 24583          | 37949         | 1.39%           | 0.167%        |
| 19        | 9.042       | 1288          | 1294        | 1299         | rBV4     | 16537          | 27909         | 1.03%           | 0.123%        |
| 20        | 10.109      | 1463          | 1469        | 1473         | rBV      | 1653933        | 2720533       | 100.00%         | 11.970%       |
| 21        | 10.182      | 1479          | 1481        | 1487         | rVB      | 21440          | 30328         | 1.11%           | 0.133%        |
| 22        | 10.335      | 1501          | 1506        | 1515         | rBV7     | 37178          | 70912         | 2.61%           | 0.312%        |
| 23        | 10.512      | 1529          | 1535        | 1543         | rBV2     | 22294          | 34903         | 1.28%           | 0.154%        |
| 24        | 10.658      | 1547          | 1559        | 1564         | rBV3     | 59194          | 132092        | 4.86%           | 0.581%        |
| 25        | 10.798      | 1576          | 1582        | 1584         | rBV2     | 18599          | 34443         | 1.27%           | 0.152%        |
| 26        | 10.835      | 1584          | 1588        | 1594         | rVB2     | 42652          | 59651         | 2.19%           | 0.262%        |
| 27        | 10.914      | 1596          | 1601        | 1604         | rBV4     | 27970          | 46467         | 1.71%           | 0.204%        |
| 28        | 11.066      | 1620          | 1626        | 1632         | rVB7     | 30194          | 57940         | 2.13%           | 0.255%        |
| 29        | 11.140      | 1632          | 1638        | 1642         | rVV      | 1448187        | 1853019       | 68.11%          | 8.153%        |
| 30        | 11.182      | 1642          | 1645        | 1649         | rVV2     | 74822          | 102215        | 3.76%           | 0.450%        |
| 31        | 11.243      | 1652          | 1655        | 1658         | rVV2     | 27003          | 33815         | 1.24%           | 0.149%        |
| 32        | 11.280      | 1658          | 1661        | 1666         | rVB3     | 46776          | 56711         | 2.08%           | 0.250%        |
| 33        | 11.444      | 1684          | 1688        | 1693         | rBV2     | 31180          | 49271         | 1.81%           | 0.217%        |
| 34        | 11.572      | 1706          | 1709        | 1715         | rVB5     | 19143          | 33191         | 1.22%           | 0.146%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
 Data File : VX007139.D  
 Acq On : 18 Jan 2019 17:08  
 Operator : JC/SP  
 Sample : K1195-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS038RW016-190116

## Integration Parameters: RTEINT.P

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

Filtering: 5  
 Min Area: 3 % 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\_X\METHOD\82X010819W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 11.670 | 1718 | 1725 | 1731 | rBV2 | 55823   | 95775   | 3.52%  | 0.421%  |
| 36 | 11.768 | 1731 | 1741 | 1745 | rBV  | 114121  | 178734  | 6.57%  | 0.786%  |
| 37 | 11.920 | 1758 | 1766 | 1768 | rBV  | 202507  | 309239  | 11.37% | 1.361%  |
| 38 | 11.944 | 1768 | 1770 | 1775 | rVV  | 147435  | 163688  | 6.02%  | 0.720%  |
| 39 | 12.078 | 1787 | 1792 | 1803 | rVV  | 1902135 | 2390476 | 87.87% | 10.518% |
| 40 | 12.170 | 1803 | 1807 | 1812 | rVV2 | 25665   | 45828   | 1.68%  | 0.202%  |
| 41 | 12.231 | 1812 | 1817 | 1824 | rVV  | 401234  | 491798  | 18.08% | 2.164%  |
| 42 | 12.304 | 1824 | 1829 | 1833 | rVV  | 163632  | 207742  | 7.64%  | 0.914%  |
| 43 | 12.365 | 1835 | 1839 | 1848 | rVB5 | 75451   | 153160  | 5.63%  | 0.674%  |
| 44 | 12.475 | 1851 | 1857 | 1862 | rBV4 | 16034   | 29899   | 1.10%  | 0.132%  |
| 45 | 12.670 | 1879 | 1889 | 1892 | rBV2 | 284435  | 409145  | 15.04% | 1.800%  |
| 46 | 12.712 | 1892 | 1896 | 1900 | rVV2 | 200864  | 388236  | 14.27% | 1.708%  |
| 47 | 12.755 | 1900 | 1903 | 1909 | rVV2 | 382034  | 653612  | 24.03% | 2.876%  |
| 48 | 12.816 | 1909 | 1913 | 1917 | rVV  | 111877  | 146879  | 5.40%  | 0.646%  |
| 49 | 12.871 | 1917 | 1922 | 1923 | rVV  | 131842  | 164986  | 6.06%  | 0.726%  |
| 50 | 12.895 | 1923 | 1926 | 1932 | rVV  | 379889  | 468904  | 17.24% | 2.063%  |
| 51 | 12.956 | 1932 | 1936 | 1937 | rVV2 | 126622  | 156050  | 5.74%  | 0.687%  |
| 52 | 12.975 | 1937 | 1939 | 1944 | rVV  | 235327  | 276190  | 10.15% | 1.215%  |
| 53 | 13.029 | 1944 | 1948 | 1953 | rVV2 | 23927   | 32608   | 1.20%  | 0.143%  |
| 54 | 13.090 | 1953 | 1958 | 1963 | rVB2 | 111287  | 163239  | 6.00%  | 0.718%  |
| 55 | 13.151 | 1963 | 1968 | 1971 | rBV  | 40608   | 56457   | 2.08%  | 0.248%  |
| 56 | 13.194 | 1971 | 1975 | 1978 | rVV  | 81153   | 94578   | 3.48%  | 0.416%  |
| 57 | 13.249 | 1978 | 1984 | 1988 | rVB2 | 109466  | 152994  | 5.62%  | 0.673%  |
| 58 | 13.304 | 1988 | 1993 | 1996 | rBV2 | 43477   | 68839   | 2.53%  | 0.303%  |
| 59 | 13.347 | 1996 | 2000 | 2005 | rVV2 | 173195  | 250109  | 9.19%  | 1.100%  |
| 60 | 13.401 | 2005 | 2009 | 2015 | rVV3 | 52339   | 79094   | 2.91%  | 0.348%  |
| 61 | 13.462 | 2015 | 2019 | 2028 | rVB5 | 32745   | 73569   | 2.70%  | 0.324%  |
| 62 | 13.596 | 2037 | 2041 | 2045 | rBV2 | 48433   | 68342   | 2.51%  | 0.301%  |
| 63 | 13.639 | 2045 | 2048 | 2051 | rVV2 | 68361   | 88608   | 3.26%  | 0.390%  |
| 64 | 13.676 | 2051 | 2054 | 2055 | rVV  | 40920   | 48527   | 1.78%  | 0.214%  |
| 65 | 13.718 | 2059 | 2061 | 2066 | rVB2 | 58613   | 69893   | 2.57%  | 0.308%  |
| 66 | 13.810 | 2071 | 2076 | 2079 | rBV  | 24112   | 37991   | 1.40%  | 0.167%  |
| 67 | 13.913 | 2088 | 2093 | 2097 | rVB3 | 25040   | 31859   | 1.17%  | 0.140%  |
| 68 | 13.981 | 2097 | 2104 | 2108 | rBV2 | 28732   | 49751   | 1.83%  | 0.219%  |
| 69 | 14.273 | 2147 | 2152 | 2157 | rBV3 | 19948   | 36498   | 1.34%  | 0.161%  |
| 70 | 14.541 | 2189 | 2196 | 2201 | rBV2 | 23405   | 41875   | 1.54%  | 0.184%  |
| 71 | 14.840 | 2241 | 2245 | 2252 | rBV2 | 34317   | 55195   | 2.03%  | 0.243%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

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\82X010819W.M  
Title : SW846 8260

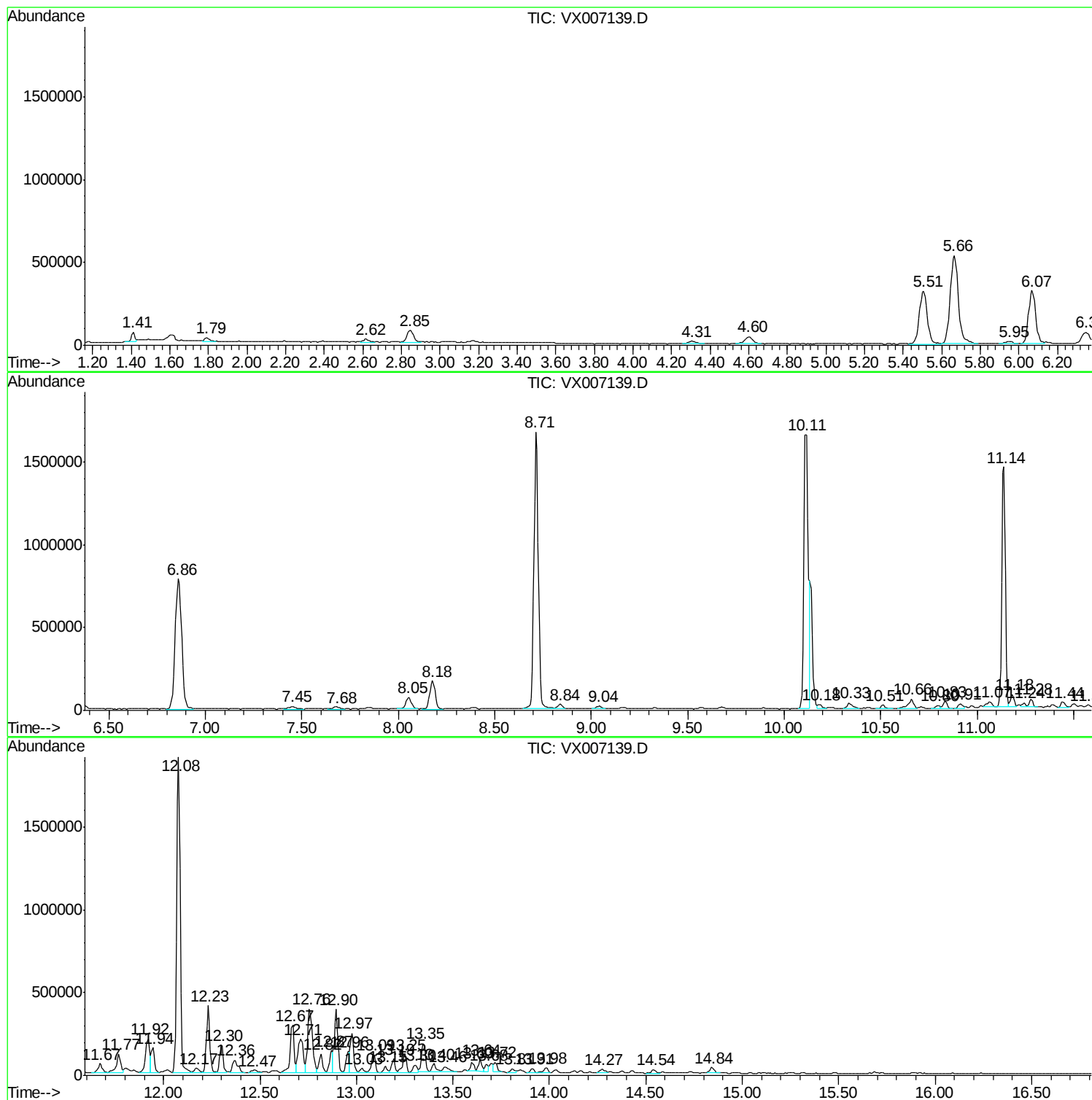
Sum of corrected areas: 22727081

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

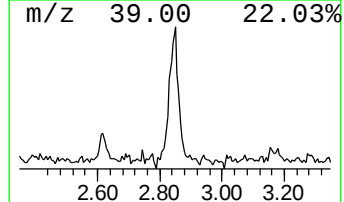
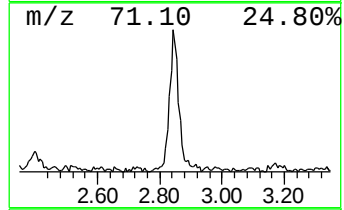
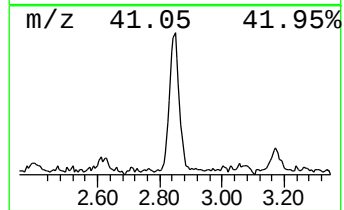
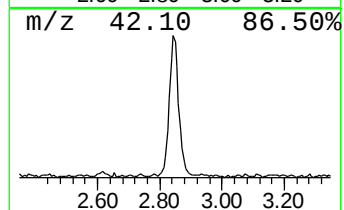
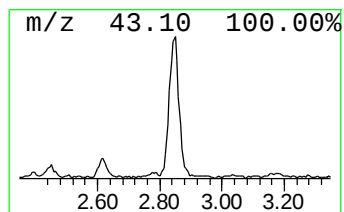
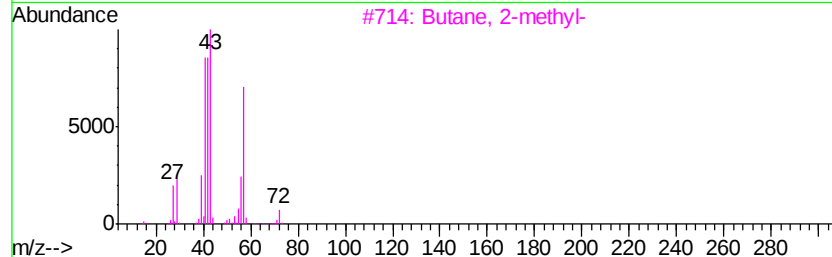
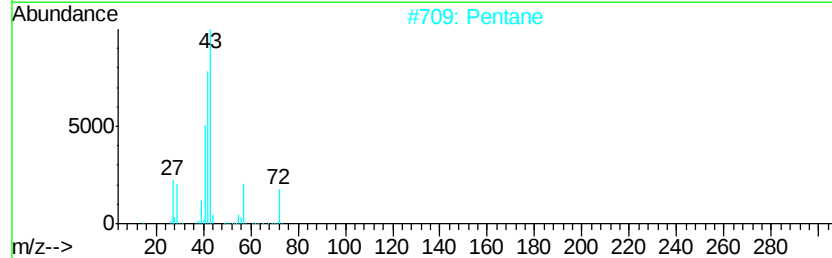
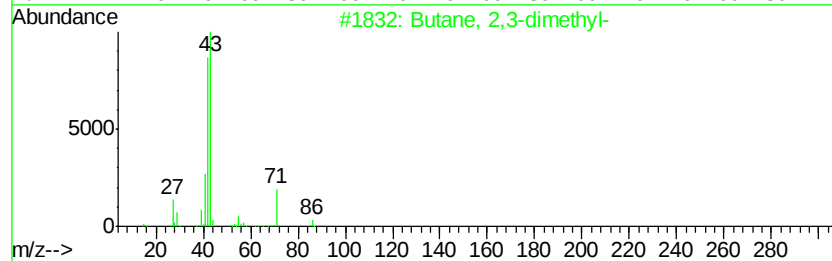
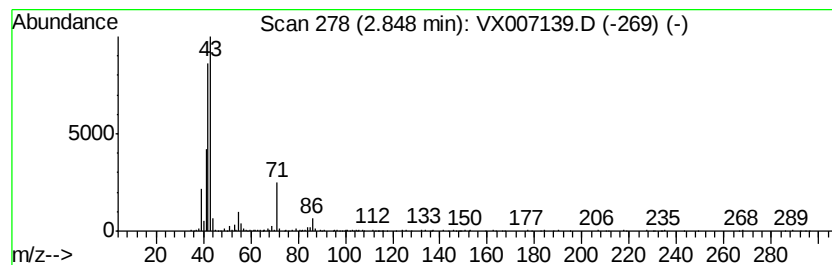
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 9

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 2.85 | 5.24 ug/l | 163432 | Pentafluorobenzene | 5.66 |

| Hit# | of | Tentative ID                       | MW  | MolForm    | CAS#        | Qual |
|------|----|------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Butane, 2,3-dimethyl-              | 86  | C6H14      | 000079-29-8 | 86   |
| 2    |    | Pentane                            | 72  | C5H12      | 000109-66-0 | 42   |
| 3    |    | Butane, 2-methyl-                  | 72  | C5H12      | 000078-78-4 | 36   |
| 4    |    | Pentane, 2-methyl-                 | 86  | C6H14      | 000107-83-5 | 28   |
| 5    |    | Trichloroacetic acid, pentyl ester | 232 | C7H11Cl3O2 | 033972-81-5 | 17   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

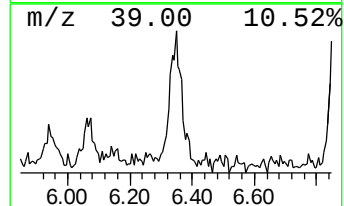
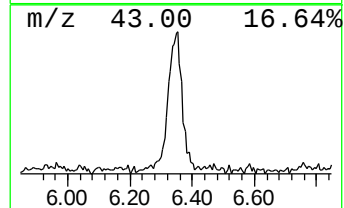
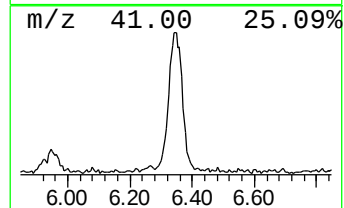
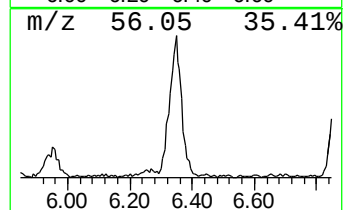
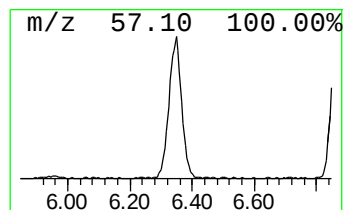
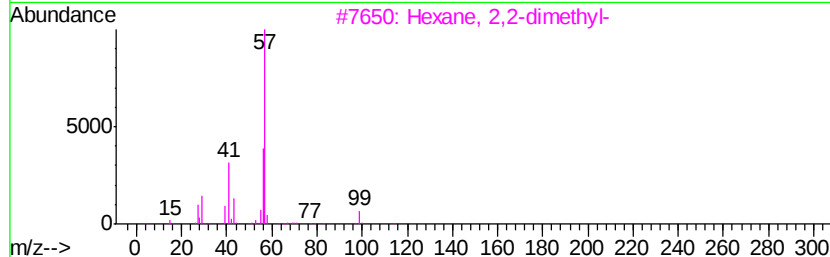
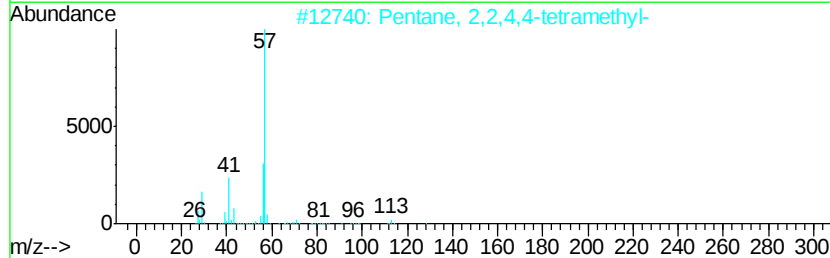
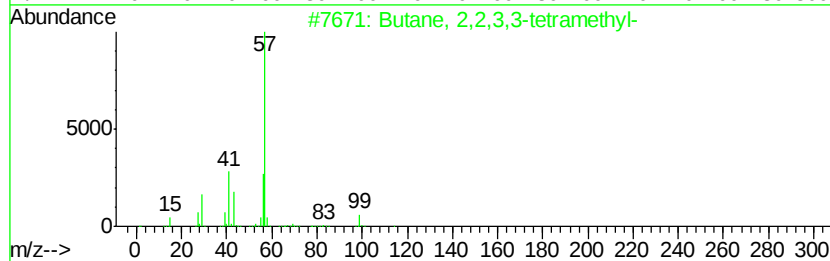
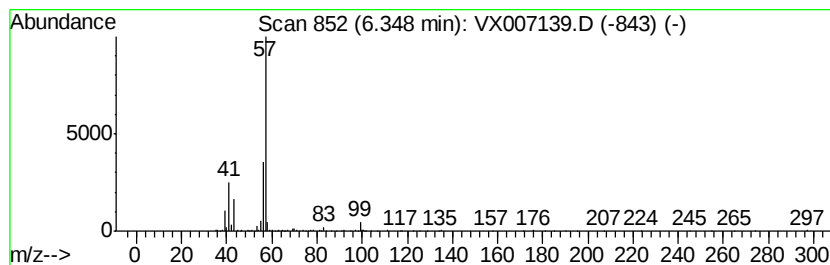
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 8

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 6.35 | 5.47 ug/l | 204772 | 1,4-Difluorobenzene | 6.86 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2,2,3,3-tetramethyl-  | 114 | C8H18   | 000594-82-1 | 64   |
| 2    |    | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20   | 001070-87-7 | 59   |
| 3    |    | Hexane, 2,2-dimethyl-         | 114 | C8H18   | 000590-73-8 | 59   |
| 4    |    | Hexane, 2,2,4-trimethyl-      | 128 | C9H20   | 016747-26-5 | 59   |
| 5    |    | Hexane, 2,2,5-trimethyl-      | 128 | C9H20   | 003522-94-9 | 59   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

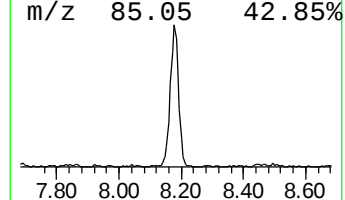
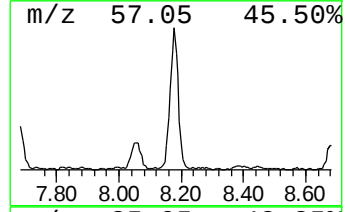
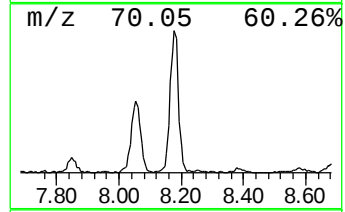
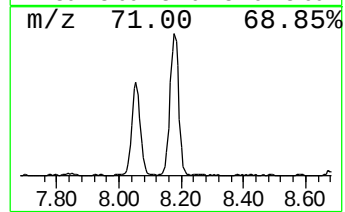
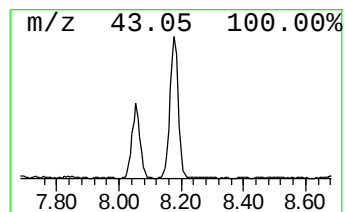
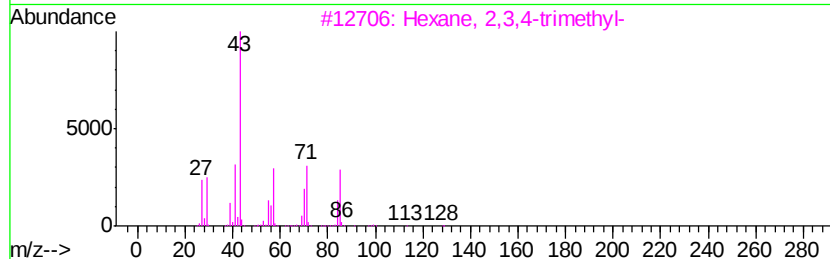
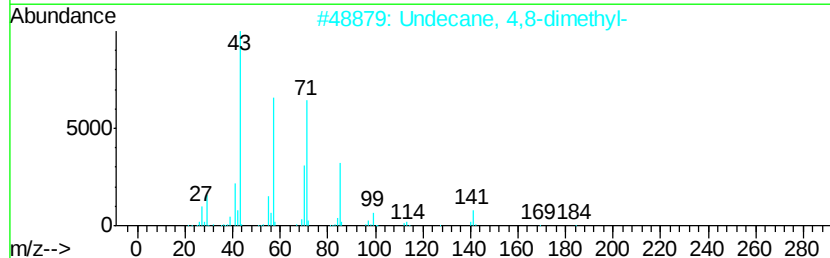
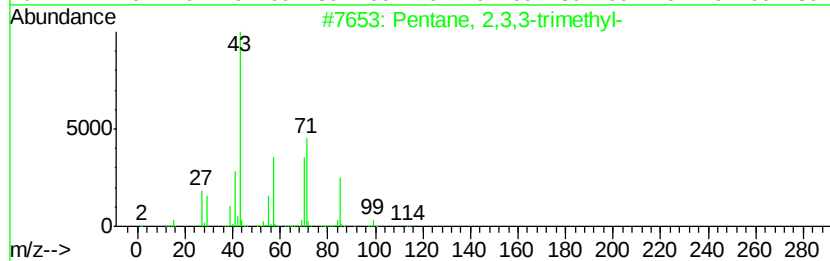
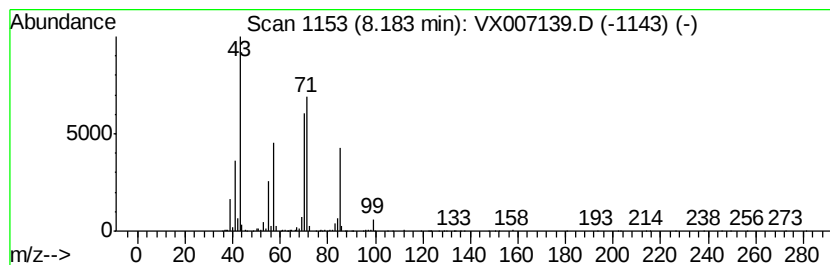
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 8.18 | 9.09 ug/l | 340602 | 1,4-Difluorobenzene | 6.86 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 90   |
| 2    |    |   | Undecane, 4,8-dimethyl-   | 184 | C13H28  | 017301-33-6 | 64   |
| 3    |    |   | Hexane, 2,3,4-trimethyl-  | 128 | C9H20   | 000921-47-1 | 64   |
| 4    |    |   | Hexane, 3,3-dimethyl-     | 114 | C8H18   | 000563-16-6 | 64   |
| 5    |    |   | Decane, 3,3,4-trimethyl-  | 184 | C13H28  | 049622-18-6 | 53   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

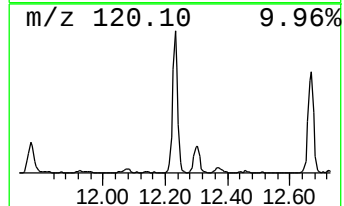
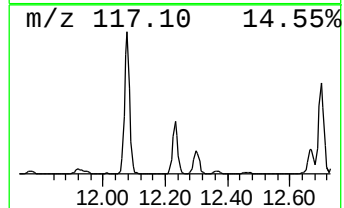
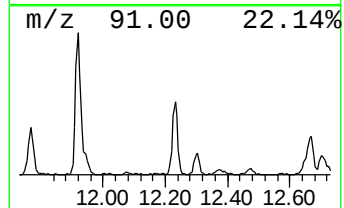
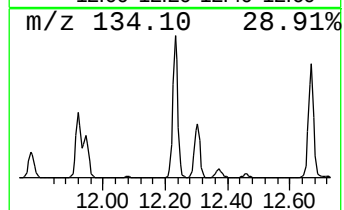
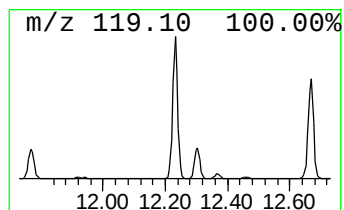
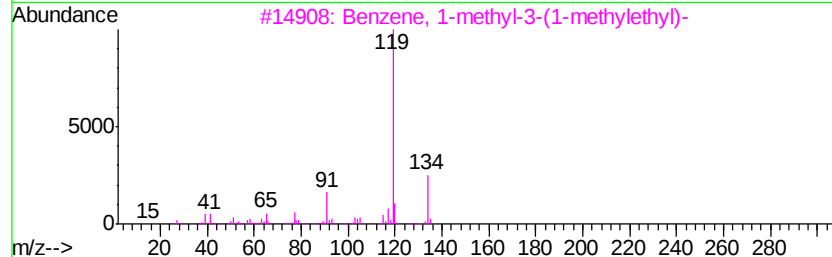
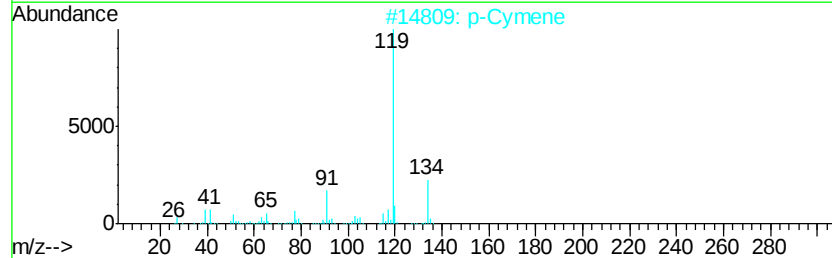
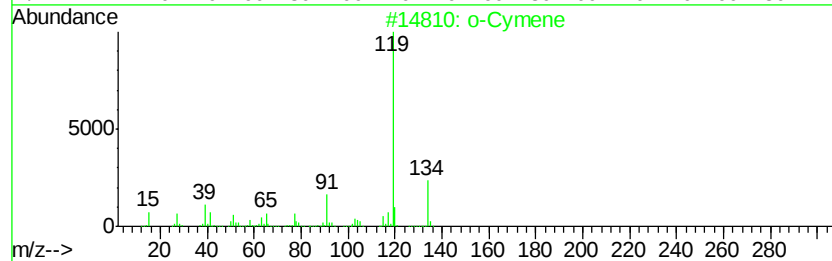
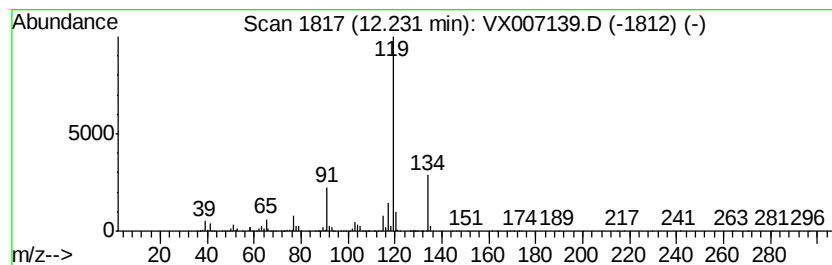
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 o-Cymene Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.23 | 10.29 ug/l | 491798 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 97   |
| 2    |    | p-Cymene                             | 134 | C10H14  | 000099-87-6 | 97   |
| 3    |    | Benzene, 1-methyl-3-(1-methylethyl)- | 134 | C10H14  | 000535-77-3 | 95   |
| 4    |    | Benzene, 1,2,3,5-tetramethyl-        | 134 | C10H14  | 000527-53-7 | 91   |
| 5    |    | Benzene, 1,2,3,4-tetramethyl-        | 134 | C10H14  | 000488-23-3 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

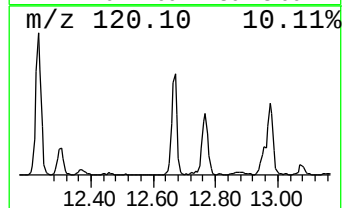
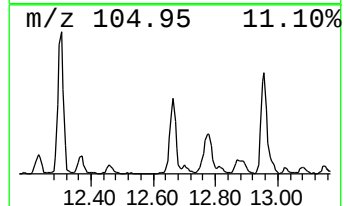
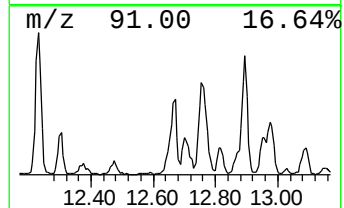
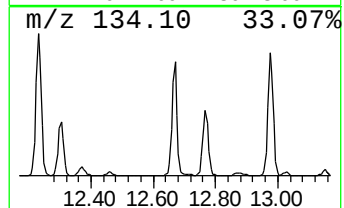
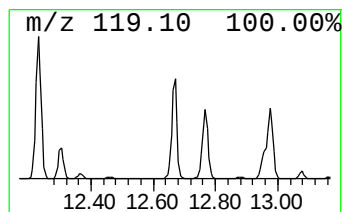
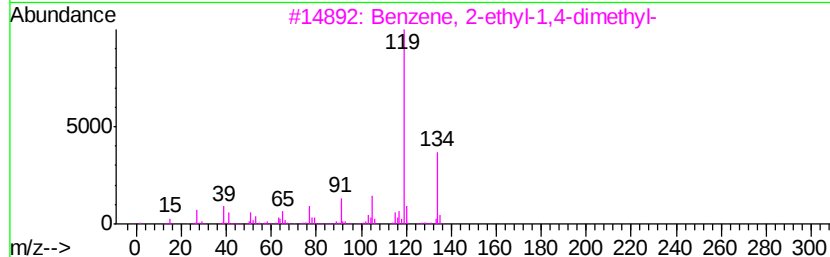
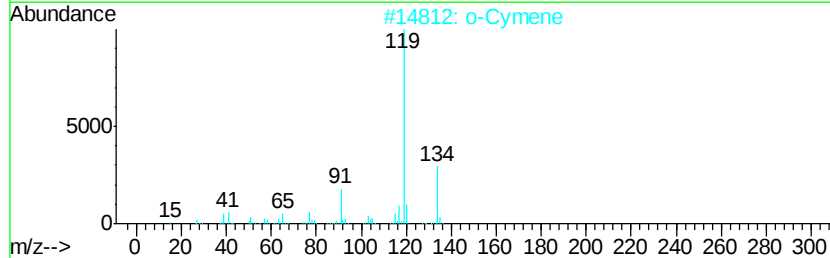
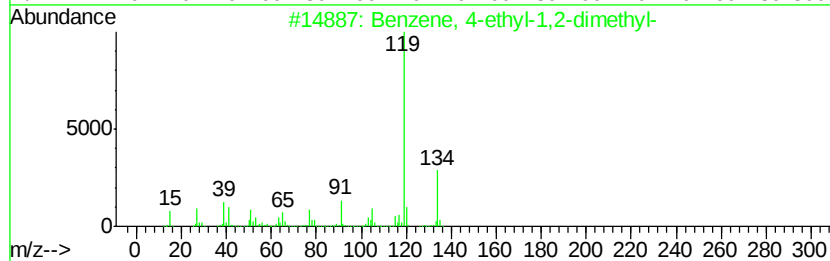
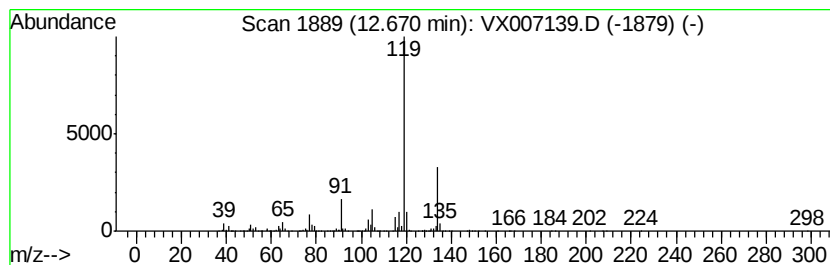
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.67 | 8.56 ug/l | 409145 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 95   |
| 2    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 94   |
| 4    |    | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 94   |
| 5    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

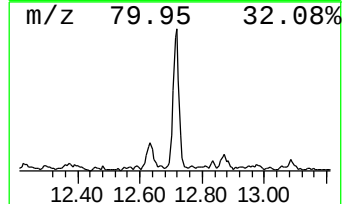
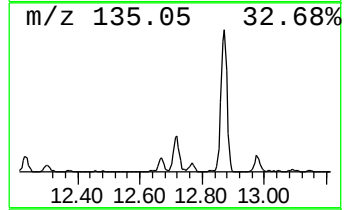
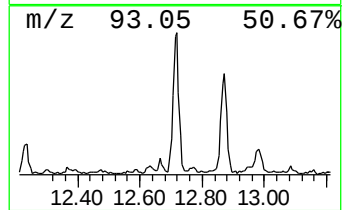
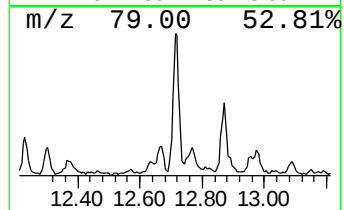
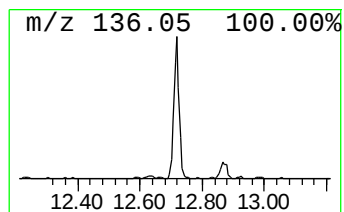
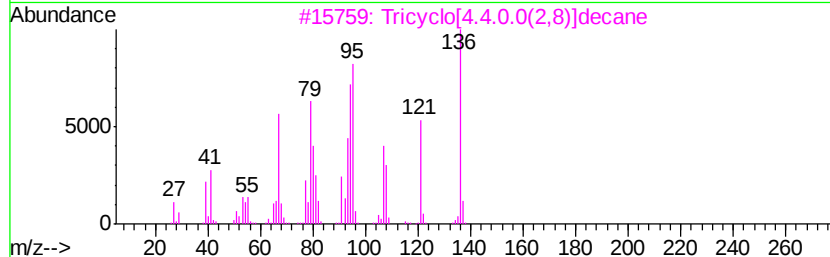
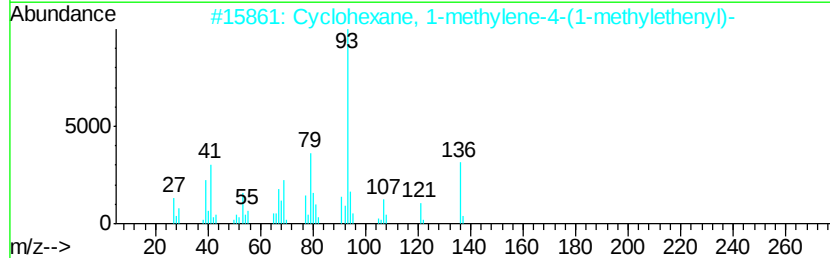
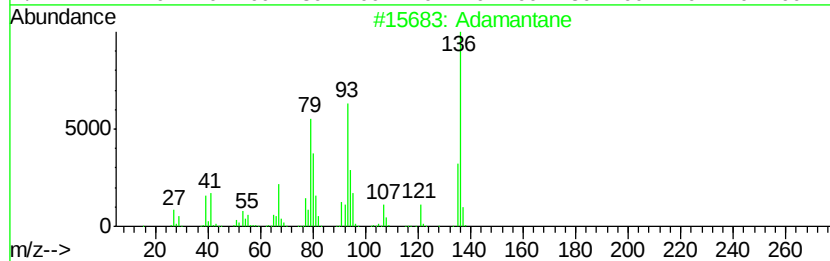
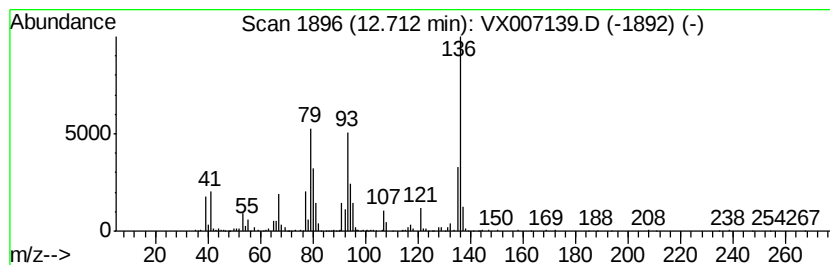
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Adamantane Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.71 | 8.12 ug/l | 388236 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Adamantane                          | 136 | C10H16  | 000281-23-2 | 98   |
| 2    |    | Cyclohexane, 1-methylene-4-(1-me... | 136 | C10H16  | 000499-97-8 | 81   |
| 3    |    | Tricyclo[4.4.0.0(2,8)]decane        | 136 | C10H16  | 049700-59-6 | 68   |
| 4    |    | Bicyclo[3.3.1]non-2-en-9-one        | 136 | C9H12O  | 004844-11-5 | 64   |
| 5    |    | 2-Carene                            | 136 | C10H16  | 000554-61-0 | 58   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

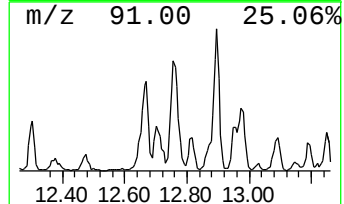
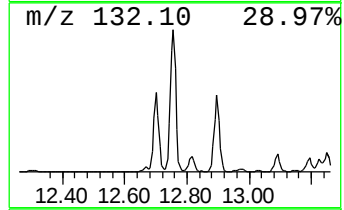
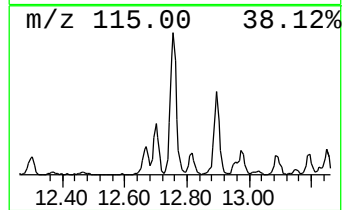
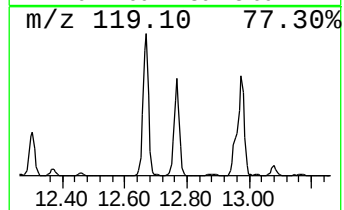
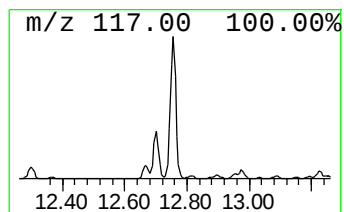
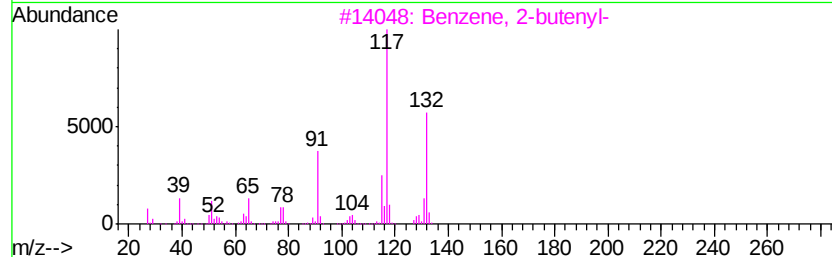
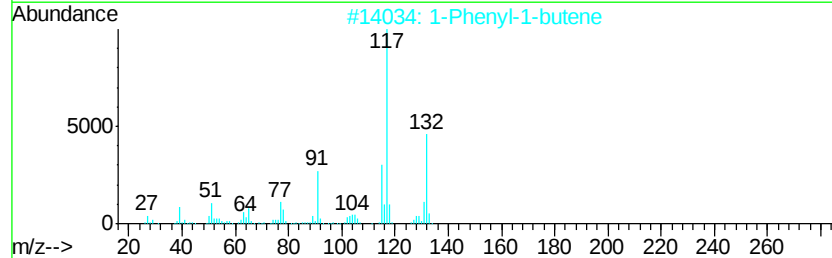
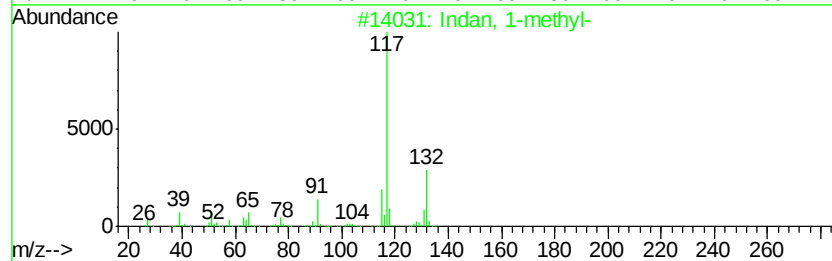
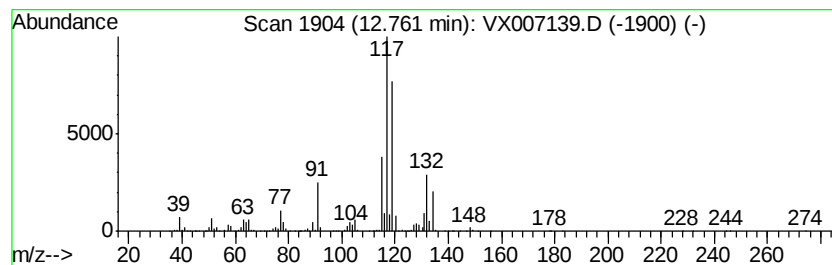
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Indan, 1-methyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.76 | 13.67 ug/l | 653612 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------------------|-----|---------|--------------|------|
| 1    | 5  | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8  | 93   |
| 2    |    | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8  | 87   |
| 3    |    | Benzene, 2-butenyl-               | 132 | C10H12  | 001560-06-1  | 80   |
| 4    |    | Benzene, (2-methylcyclopropyl)-   | 132 | C10H12  | 1000327-39-0 | 76   |
| 5    |    | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9  | 74   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

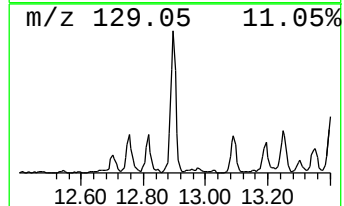
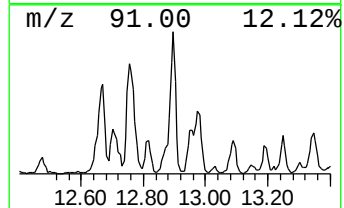
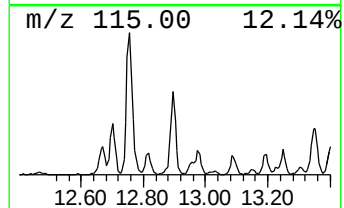
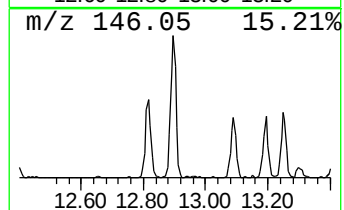
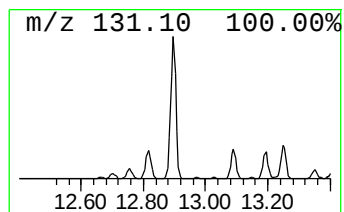
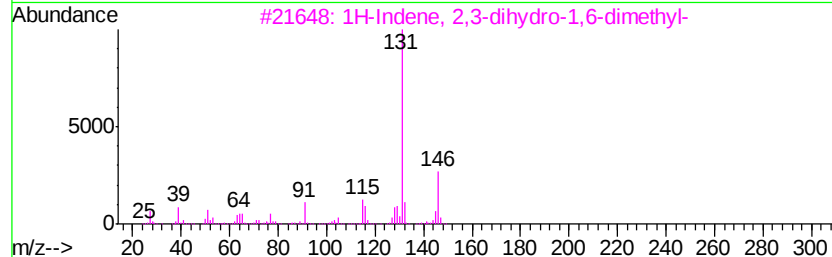
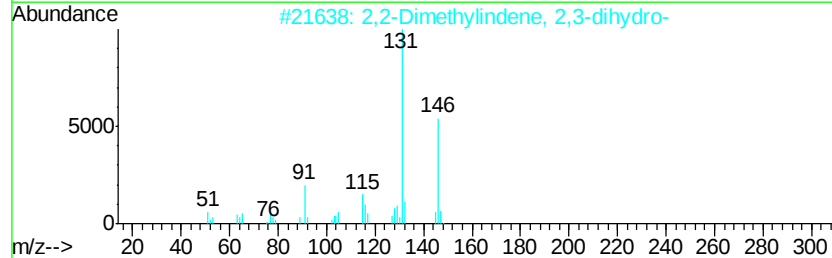
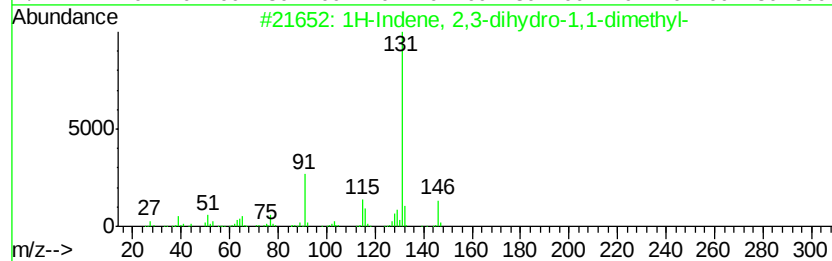
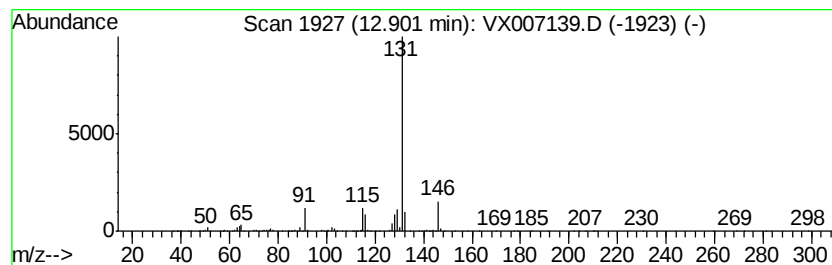
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.90 | 9.81 ug/l | 468904 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14  | 004912-92-9 | 93   |
| 2    |    | 2,2-Dimethylindene, 2,3-dihydro-    | 146 | C11H14  | 020836-11-7 | 90   |
| 3    |    | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 90   |
| 4    |    | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 90   |
| 5    |    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

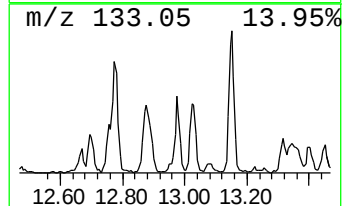
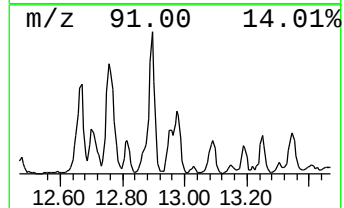
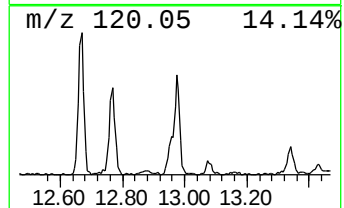
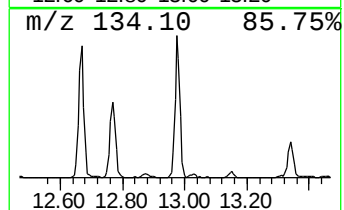
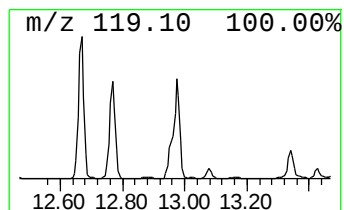
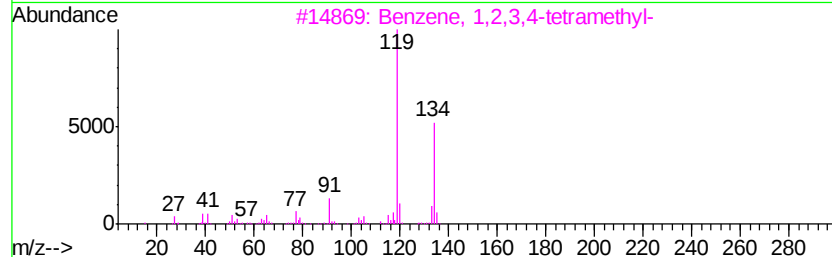
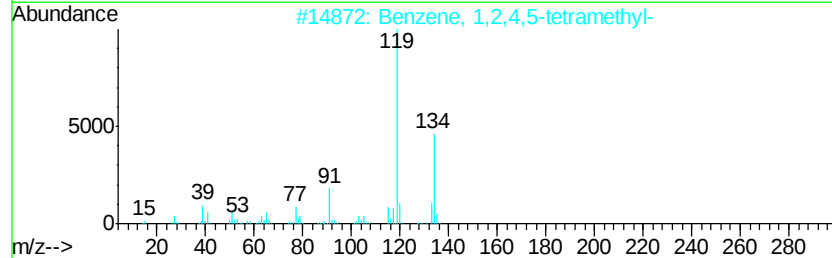
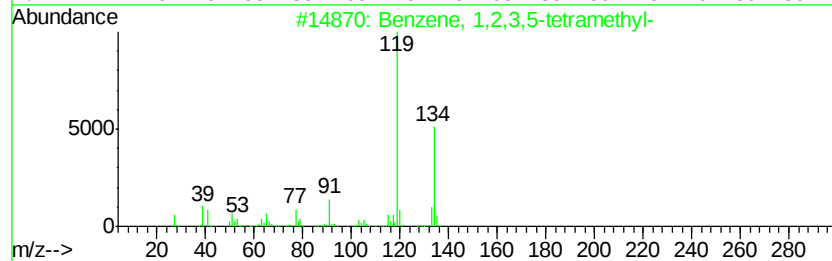
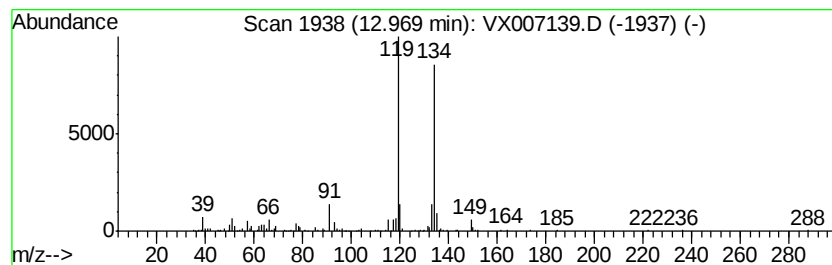
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.97 | 5.78 ug/l | 276190 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 91   |
| 2    |    | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 91   |
| 3    |    | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 91   |
| 4    |    | Benzene, 1-ethyl-3,5-dimethyl-      | 134 | C10H14  | 000934-74-7 | 91   |
| 5    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

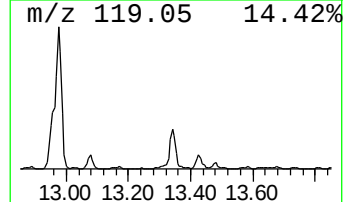
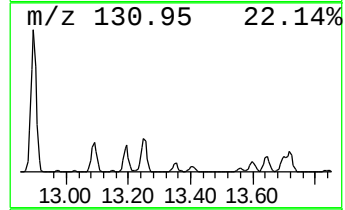
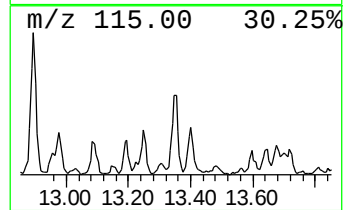
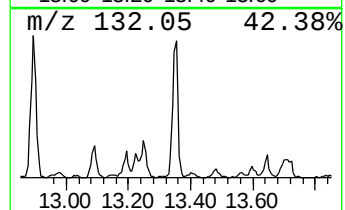
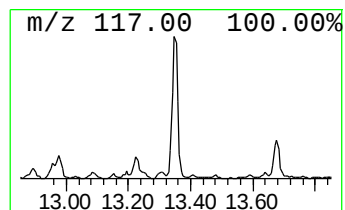
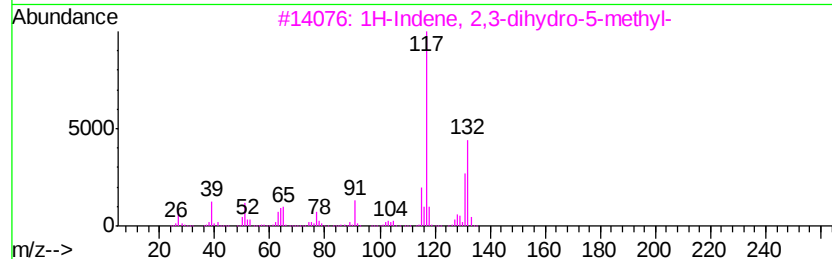
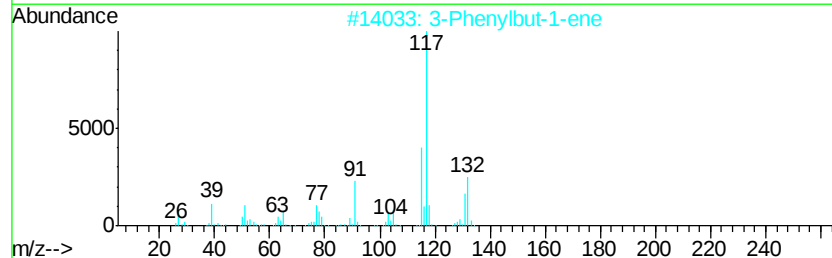
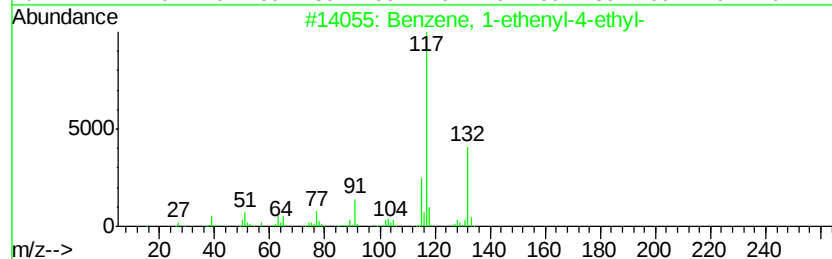
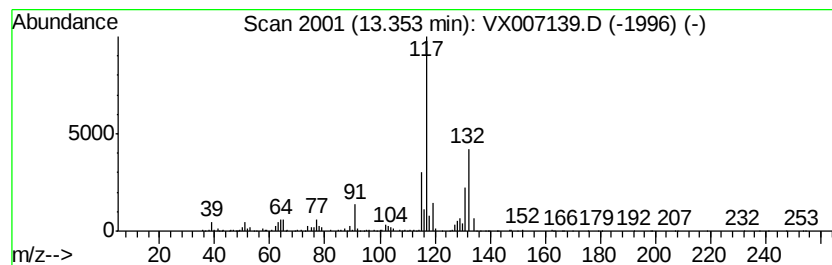
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 13.35 | 5.23 ug/l | 250109 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|----------------------------------|-----|---------|--------------|------|
| 1    | 5  | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7  | 89   |
| 2    |    | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1  | 81   |
| 3    |    | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1  | 76   |
| 4    |    | Benzene, (2-methylcyclopropyl)-  | 132 | C10H12  | 1000327-39-0 | 70   |
| 5    |    | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4  | 68   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX011819\  
Data File : VX007139.D  
Acq On : 18 Jan 2019 17:08  
Operator : JC/SP  
Sample : K1195-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.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, 2,3-dimet... | 2.85  | 5.2     | ug/l  | 163432   | 1                     | 5.66  | 1558190 | 50.0 |
| Butane, 2,2,3,3-t... | 6.35  | 5.5     | ug/l  | 204772   | 2                     | 6.86  | 1872580 | 50.0 |
| Pentane, 2,3,3-tr... | 8.18  | 9.1     | ug/l  | 340602   | 2                     | 6.86  | 1872580 | 50.0 |
| o-Cymene             | 12.23 | 10.3    | ug/l  | 491798   | 4                     | 12.08 | 2390480 | 50.0 |
| Benzene, 4-ethyl-... | 12.67 | 8.6     | ug/l  | 409145   | 4                     | 12.08 | 2390480 | 50.0 |
| Adamantane           | 12.71 | 8.1     | ug/l  | 388236   | 4                     | 12.08 | 2390480 | 50.0 |
| Indan, 1-methyl-     | 12.76 | 13.7    | ug/l  | 653612   | 4                     | 12.08 | 2390480 | 50.0 |
| 1H-Indene, 2,3-di... | 12.90 | 9.8     | ug/l  | 468904   | 4                     | 12.08 | 2390480 | 50.0 |
| Benzene, 1,2,3,5-... | 12.97 | 5.8     | ug/l  | 276190   | 4                     | 12.08 | 2390480 | 50.0 |
| Benzene, 1-etheny... | 13.35 | 5.2     | ug/l  | 250109   | 4                     | 12.08 | 2390480 | 50.0 |