

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
 Data File : VX007525.D  
 Acq On : 13 Feb 2019 17:24  
 Operator : JC/SP  
 Sample : K1461-09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TEST-PIT-4

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\82X020119W.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         | 1.489       | 51            | 55          | 65           | rBV      | 206921         | 265900        | 1.32%           | 0.285%        |
| 2         | 2.446       | 205           | 212         | 230          | rBV      | 3858975        | 6330573       | 31.38%          | 6.789%        |
| 3         | 2.617       | 234           | 240         | 252          | rVB      | 180665         | 335493        | 1.66%           | 0.360%        |
| 4         | 3.421       | 364           | 372         | 385          | rBV      | 91364          | 215743        | 1.07%           | 0.231%        |
| 5         | 5.506       | 703           | 714         | 729          | rBV      | 308799         | 904408        | 4.48%           | 0.970%        |
| 6         | 5.665       | 729           | 740         | 751          | rVV      | 510461         | 1408439       | 6.98%           | 1.510%        |
| 7         | 6.067       | 795           | 806         | 817          | rBV      | 309142         | 795043        | 3.94%           | 0.853%        |
| 8         | 6.470       | 862           | 872         | 884          | rBV4     | 87225          | 231692        | 1.15%           | 0.248%        |
| 9         | 6.860       | 925           | 936         | 949          | rBV      | 773169         | 1793945       | 8.89%           | 1.924%        |
| 10        | 7.354       | 1006          | 1017        | 1030         | rBV2     | 78338          | 225791        | 1.12%           | 0.242%        |
| 11        | 7.665       | 1059          | 1068        | 1081         | rBV      | 1004488        | 1926056       | 9.55%           | 2.066%        |
| 12        | 8.713       | 1234          | 1240        | 1247         | rBV      | 1607371        | 2480873       | 12.30%          | 2.661%        |
| 13        | 8.786       | 1247          | 1252        | 1258         | rVB      | 299134         | 457287        | 2.27%           | 0.490%        |
| 14        | 9.298       | 1331          | 1336        | 1350         | rBV      | 375252         | 587754        | 2.91%           | 0.630%        |
| 15        | 9.585       | 1376          | 1383        | 1389         | rBV      | 7850713        | 10589499      | 52.49%          | 11.357%       |
| 16        | 10.109      | 1458          | 1469        | 1481         | rBV      | 1621459        | 2265705       | 11.23%          | 2.430%        |
| 17        | 10.633      | 1550          | 1555        | 1563         | rBV      | 393342         | 573723        | 2.84%           | 0.615%        |
| 18        | 10.822      | 1581          | 1586        | 1591         | rBV      | 251656         | 306574        | 1.52%           | 0.329%        |
| 19        | 10.908      | 1596          | 1600        | 1612         | rVB      | 463578         | 615008        | 3.05%           | 0.660%        |
| 20        | 11.139      | 1633          | 1638        | 1643         | rVB      | 1404366        | 1822201       | 9.03%           | 1.954%        |
| 21        | 11.194      | 1643          | 1647        | 1649         | rVV      | 184284         | 252893        | 1.25%           | 0.271%        |
| 22        | 11.225      | 1649          | 1652        | 1659         | rVB      | 967412         | 1343050       | 6.66%           | 1.440%        |
| 23        | 11.670      | 1722          | 1725        | 1728         | rBV      | 204659         | 244592        | 1.21%           | 0.262%        |
| 24        | 11.706      | 1728          | 1731        | 1739         | rVB3     | 437395         | 554439        | 2.75%           | 0.595%        |
| 25        | 11.804      | 1739          | 1747        | 1750         | rBV3     | 534240         | 1119546       | 5.55%           | 1.201%        |
| 26        | 11.920      | 1763          | 1766        | 1768         | rBV      | 255254         | 278830        | 1.38%           | 0.299%        |
| 27        | 11.981      | 1773          | 1776        | 1780         | rVB      | 443914         | 478684        | 2.37%           | 0.513%        |
| 28        | 12.023      | 1780          | 1783        | 1787         | rBV2     | 614425         | 820987        | 4.07%           | 0.880%        |
| 29        | 12.078      | 1787          | 1792        | 1799         | rVB2     | 1917123        | 3082212       | 15.28%          | 3.306%        |
| 30        | 12.158      | 1799          | 1805        | 1814         | rVB      | 909820         | 1176848       | 5.83%           | 1.262%        |
| 31        | 12.273      | 1819          | 1824        | 1833         | rBV2     | 349312         | 709299        | 3.52%           | 0.761%        |
| 32        | 12.578      | 1870          | 1874        | 1879         | rBV      | 505343         | 593153        | 2.94%           | 0.636%        |
| 33        | 12.639      | 1879          | 1884        | 1893         | rVV2     | 967627         | 1620885       | 8.03%           | 1.738%        |
| 34        | 12.718      | 1893          | 1897        | 1902         | rVB      | 224161         | 259607        | 1.29%           | 0.278%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

## 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\82X020119W.M  
Title : SW846 8260

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 35 | 12.871 | 1917 | 1922 | 1925 | rBV  | 435808   | 556434   | 2.76%   | 0.597%  |
| 36 | 12.907 | 1925 | 1928 | 1933 | rVV2 | 368942   | 461924   | 2.29%   | 0.495%  |
| 37 | 12.962 | 1933 | 1937 | 1948 | rVB  | 355282   | 474728   | 2.35%   | 0.509%  |
| 38 | 13.224 | 1969 | 1980 | 1986 | rBV  | 5305825  | 6763097  | 33.52%  | 7.253%  |
| 39 | 13.285 | 1986 | 1990 | 1995 | rVB  | 346365   | 456958   | 2.26%   | 0.490%  |
| 40 | 13.438 | 2009 | 2015 | 2019 | rBV  | 768778   | 1074945  | 5.33%   | 1.153%  |
| 41 | 13.529 | 2026 | 2030 | 2033 | rBV  | 488011   | 654425   | 3.24%   | 0.702%  |
| 42 | 13.572 | 2033 | 2037 | 2041 | rVB  | 808015   | 1069219  | 5.30%   | 1.147%  |
| 43 | 13.639 | 2041 | 2048 | 2052 | rBV2 | 3278745  | 4786356  | 23.72%  | 5.133%  |
| 44 | 13.718 | 2056 | 2061 | 2068 | rVV2 | 5764557  | 8270706  | 40.99%  | 8.870%  |
| 45 | 13.791 | 2068 | 2073 | 2085 | rVB  | 17344148 | 20176000 | 100.00% | 21.638% |
| 46 | 13.926 | 2091 | 2095 | 2100 | rBV3 | 362484   | 519552   | 2.58%   | 0.557%  |
| 47 | 13.980 | 2100 | 2104 | 2110 | rVB  | 345318   | 430551   | 2.13%   | 0.462%  |
| 48 | 14.255 | 2144 | 2149 | 2154 | rBV2 | 149136   | 240959   | 1.19%   | 0.258%  |
| 49 | 14.316 | 2155 | 2159 | 2163 | rVV2 | 176706   | 217611   | 1.08%   | 0.233%  |
| 50 | 14.456 | 2177 | 2182 | 2191 | rBV  | 294171   | 423625   | 2.10%   | 0.454%  |

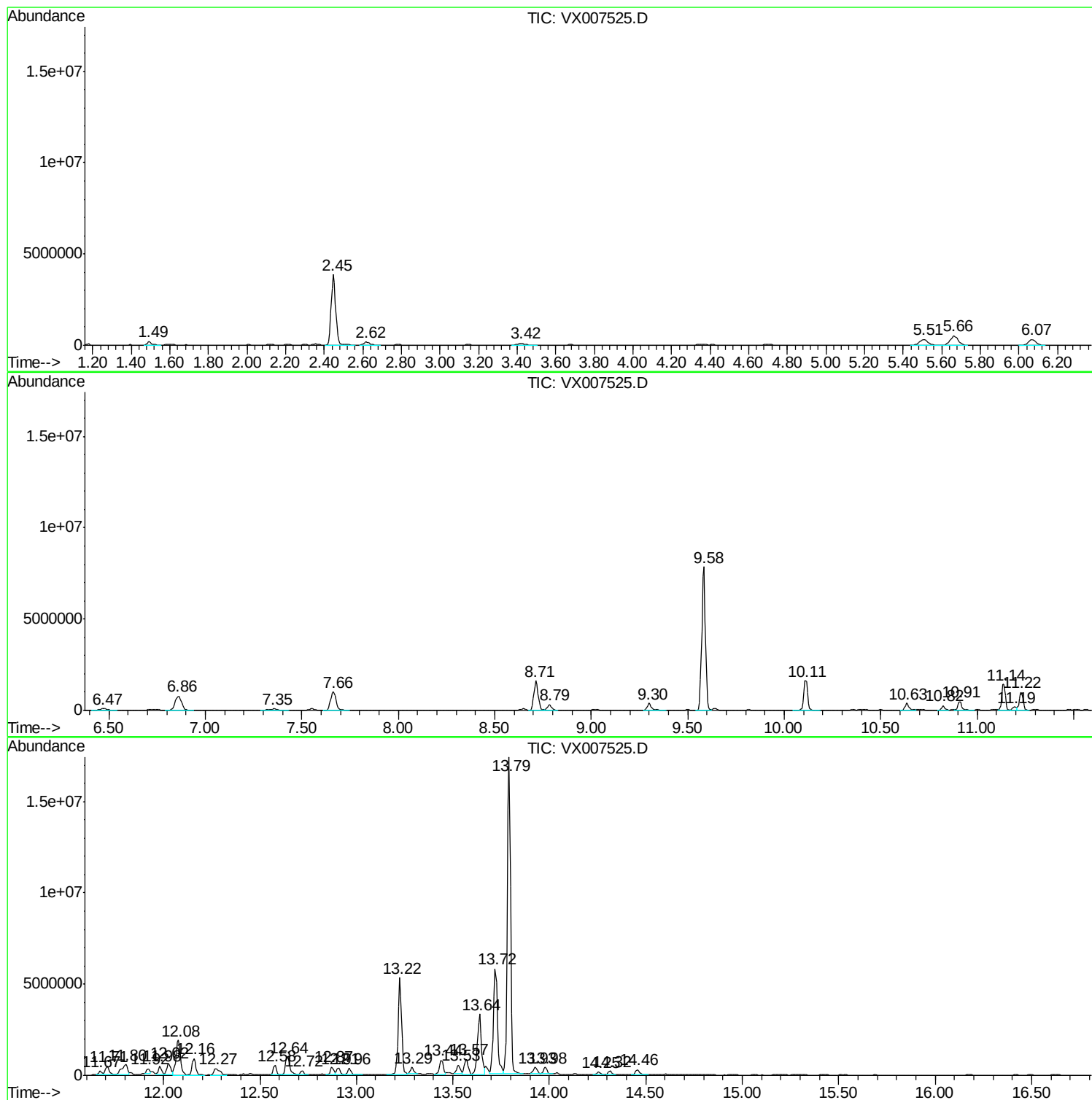
Sum of corrected areas: 93243822

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

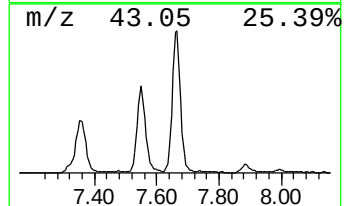
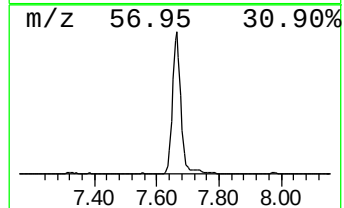
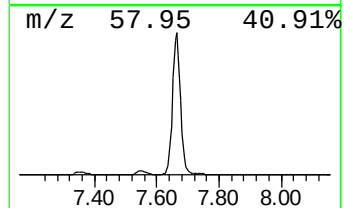
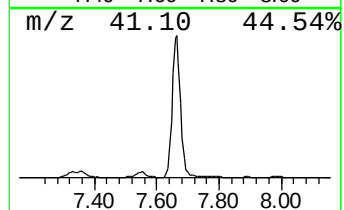
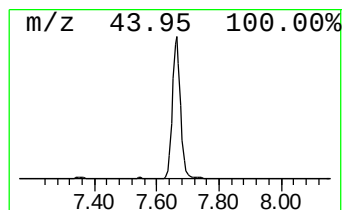
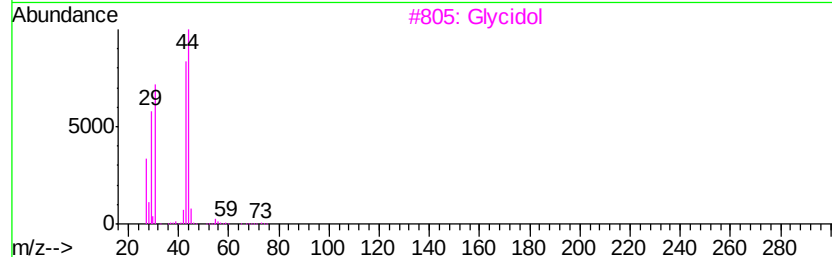
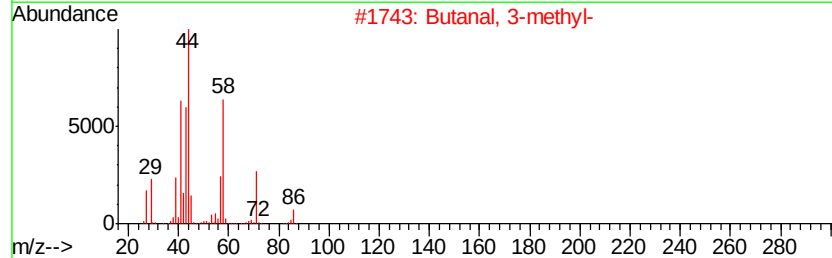
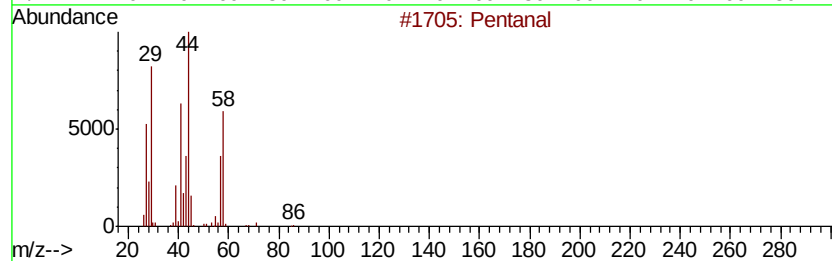
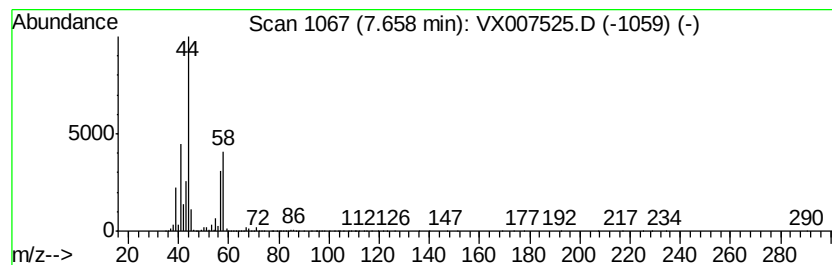
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Pentanal Concentration Rank 5

| R.T. | EstConc    | Area    | Relative to ISTD    | R.T. |
|------|------------|---------|---------------------|------|
| 7.66 | 53.68 ug/l | 1926060 | 1,4-Difluorobenzene | 6.86 |

| Hit# of | 5                    | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|----------------------|--------------|-----|---------|-------------|------|
| 1       | Pentanal             |              | 86  | C5H10O  | 000110-62-3 | 91   |
| 2       | Butanal, 3-methyl-   |              | 86  | C5H10O  | 000590-86-3 | 45   |
| 3       | Glycidol             |              | 74  | C3H6O2  | 000556-52-5 | 33   |
| 4       | Cyclopropyl carbinol |              | 72  | C4H8O   | 002516-33-8 | 28   |
| 5       | Butane, 2-nitro-     |              | 103 | C4H9NO2 | 000600-24-8 | 9    |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

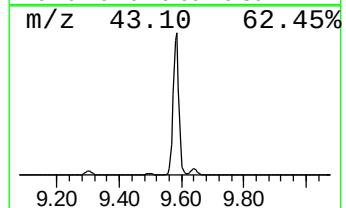
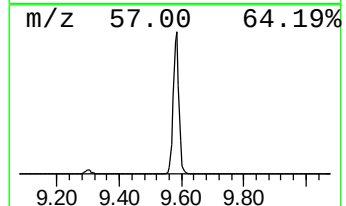
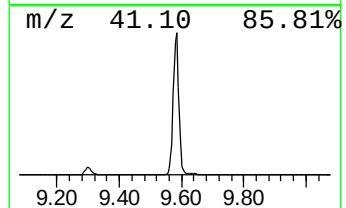
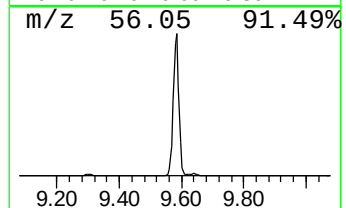
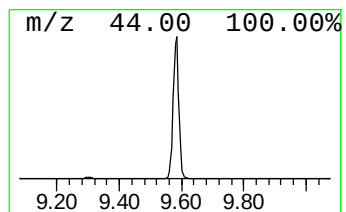
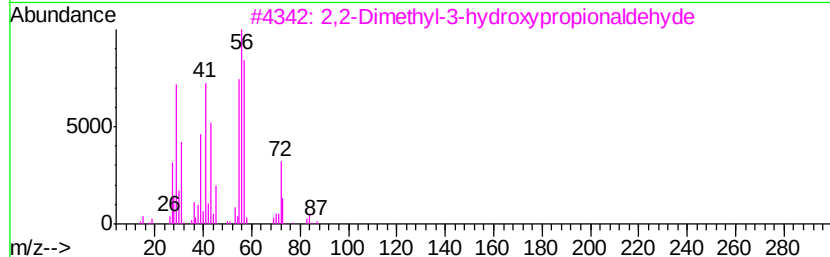
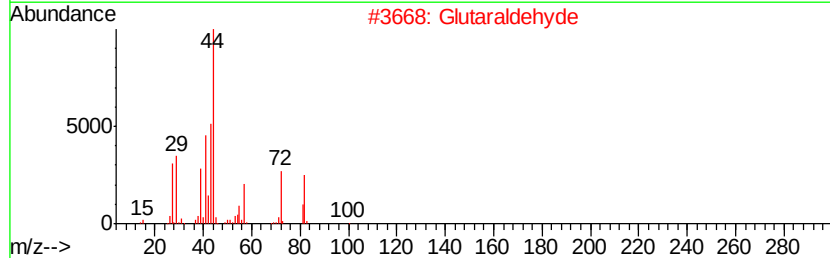
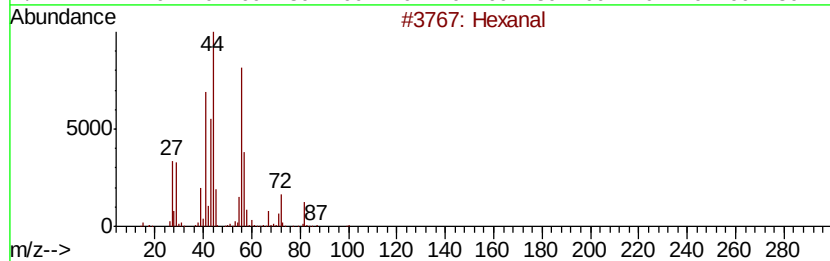
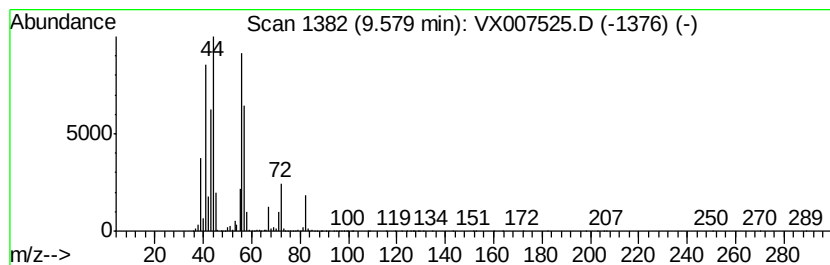
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Hexanal Concentration Rank 1

| R.T. | EstConc     | Area     | Relative to ISTD | R.T.  |
|------|-------------|----------|------------------|-------|
| 9.58 | 233.69 ug/l | 10589500 | Chlorobenzene-d5 | 10.12 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexanal                             | 100 | C6H12O  | 000066-25-1 | 93   |
| 2    |    | Glutaraldehyde                      | 100 | C5H8O2  | 000111-30-8 | 38   |
| 3    |    | 2,2-Dimethyl-3-hydroxypropionald... | 102 | C5H10O2 | 000597-31-9 | 37   |
| 4    |    | Butanal, 3-methyl-                  | 86  | C5H10O  | 000590-86-3 | 32   |
| 5    |    | Butanal                             | 72  | C4H8O   | 000123-72-8 | 25   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

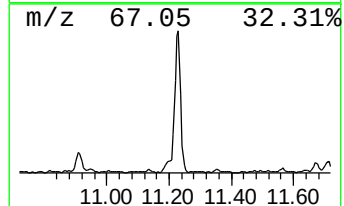
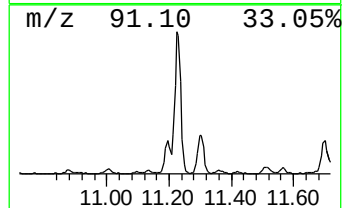
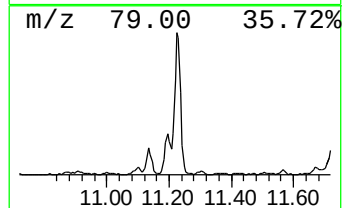
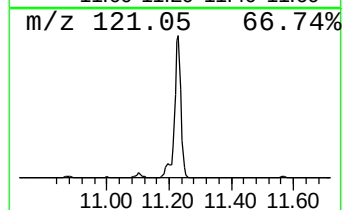
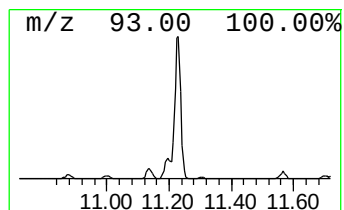
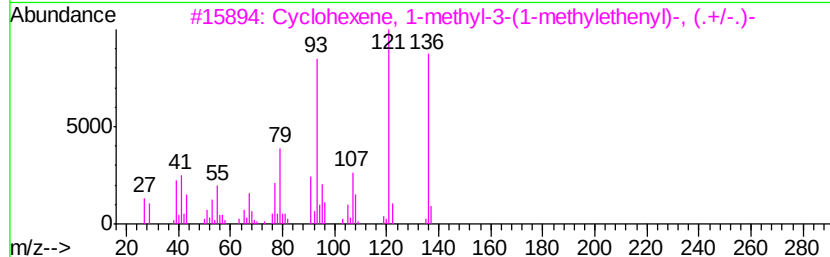
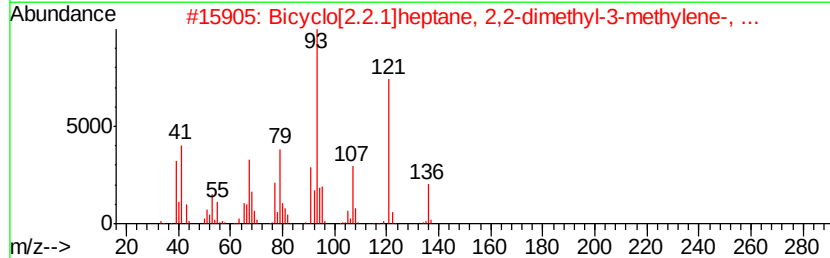
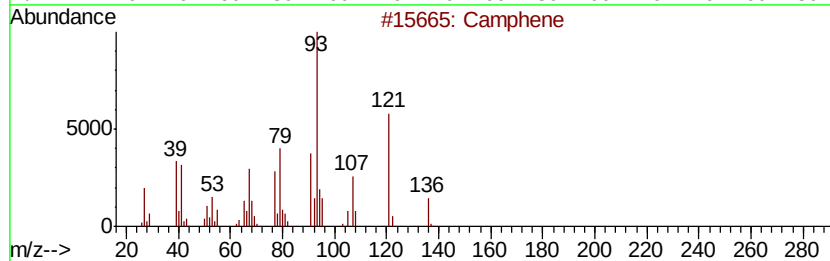
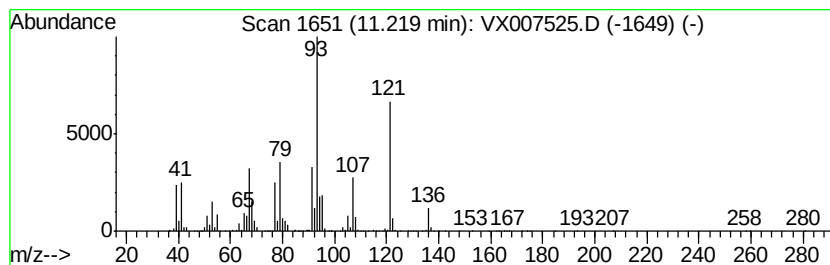
Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Camphene Concentration Rank 7

| R.T.    | EstConc                              | Area         | Relative to ISTD       | R.T.           |
|---------|--------------------------------------|--------------|------------------------|----------------|
| 11.22   | 21.79 ug/l                           | 1343050      | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5                                    | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | Camphene                             |              | 136 C10H16             | 000079-92-5 96 |
| 2       | Bicyclo[2.2.1]heptane, 2,2-dimet...  |              | 136 C10H16             | 005794-04-7 93 |
| 3       | Cyclohexene, 1-methyl-3-(1-methyl... |              | 136 C10H16             | 000499-03-6 90 |
| 4       | (+)-4-Carene                         |              | 136 C10H16             | 029050-33-7 74 |
| 5       | 2-Carene                             |              | 136 C10H16             | 000554-61-0 74 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

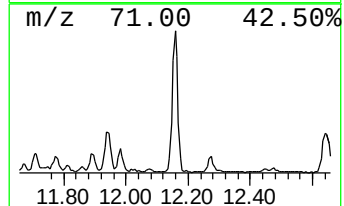
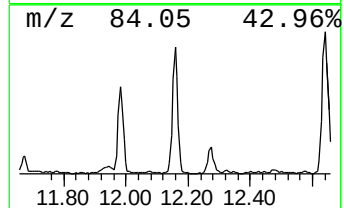
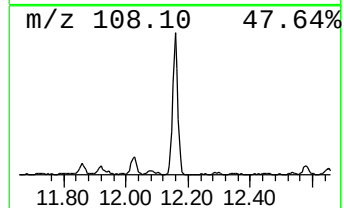
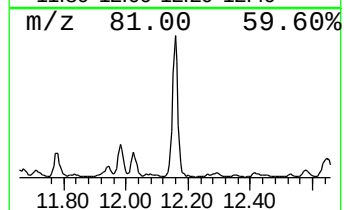
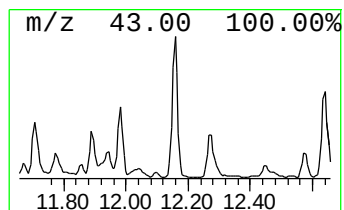
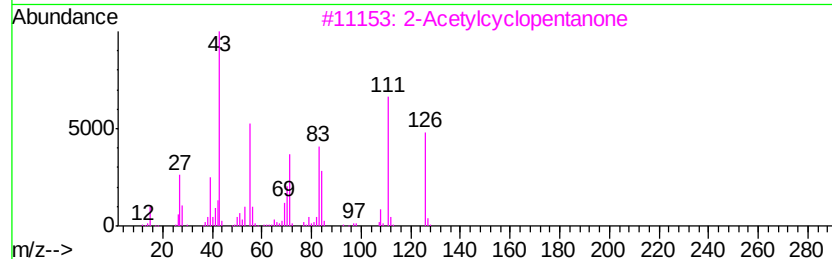
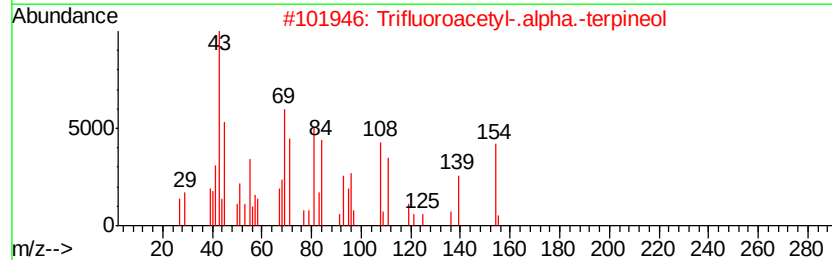
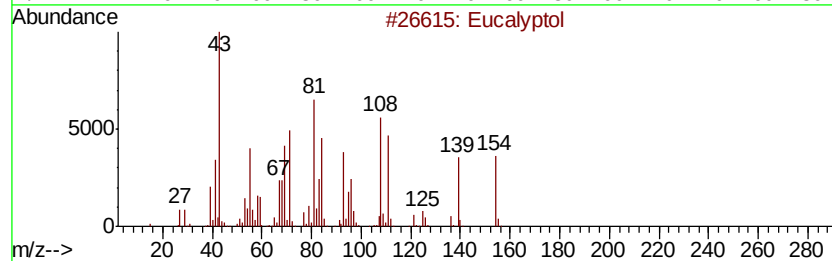
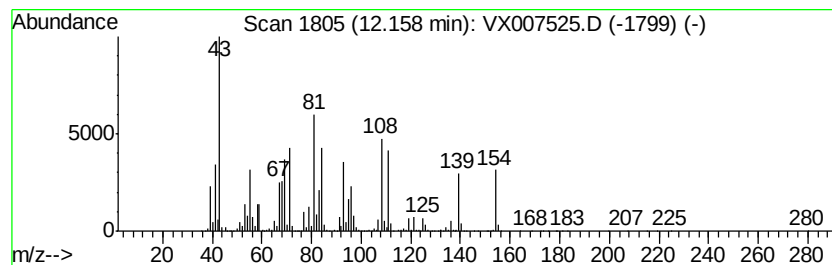
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Eucalyptol Concentration Rank 8

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.16 | 19.09 ug/l | 1176850 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Eucalyptol                          | 154 | C10H18O    | 000470-82-6  | 99   |
| 2    |    | Trifluoroacetyl-.alpha.-terpineol   | 250 | C12H17F3O2 | 1000058-17-6 | 37   |
| 3    |    | 2-Acetylcyclopentanone              | 126 | C7H10O2    | 001670-46-8  | 35   |
| 4    |    | 5-Hepten-2-one, 6-methyl-           | 126 | C8H14O     | 000110-93-0  | 32   |
| 5    |    | Ketone, methyl 2,2,3-trimethylcy... | 154 | C10H18O    | 017983-22-1  | 25   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

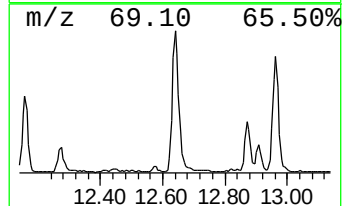
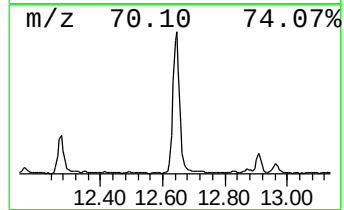
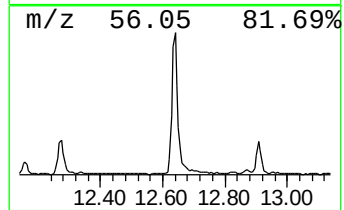
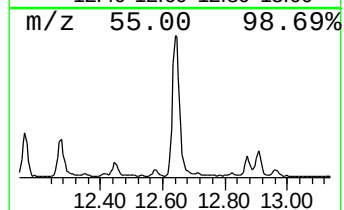
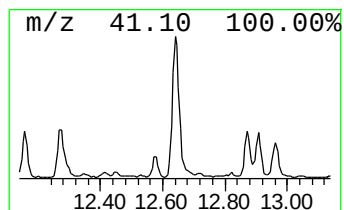
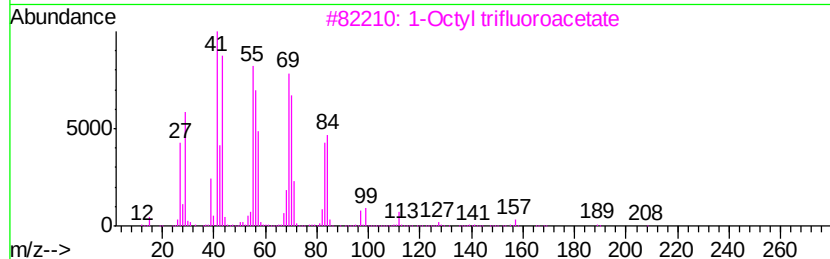
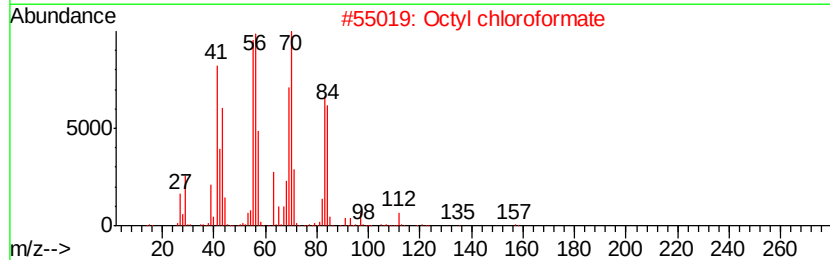
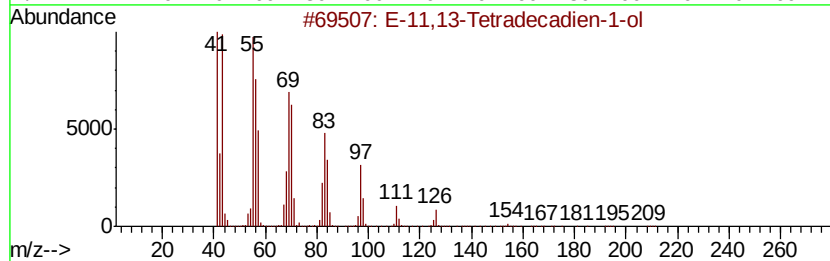
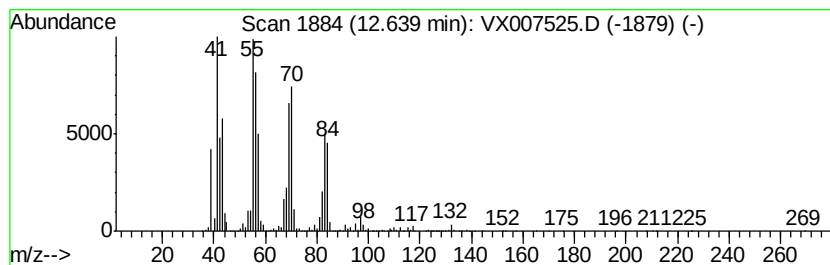
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 E-11,13-Tetradecadien-1-ol Concentration Rank 6

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.64 | 26.29 ug/l | 1620890 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID               | MW  | MolForm    | CAS#         | Qual |
|------|----|----------------------------|-----|------------|--------------|------|
| 1    | 5  | E-11,13-Tetradecadien-1-ol | 210 | C14H26O    | 1000131-00-3 | 83   |
| 2    |    | Octyl chloroformate        | 192 | C9H17ClO2  | 007452-59-7  | 72   |
| 3    |    | 1-Octyl trifluoroacetate   | 226 | C10H17F3O2 | 002561-21-9  | 72   |
| 4    |    | 1-Octanol                  | 130 | C8H18O     | 000111-87-5  | 64   |
| 5    |    | Cyclooctane                | 112 | C8H16      | 000292-64-8  | 59   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

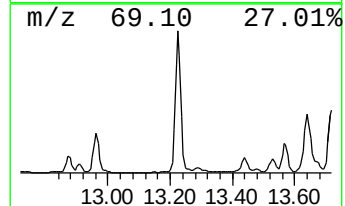
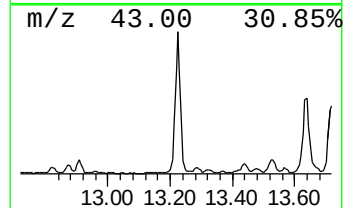
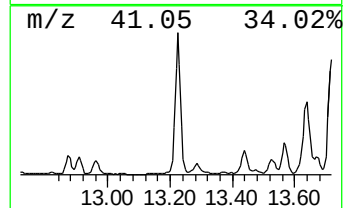
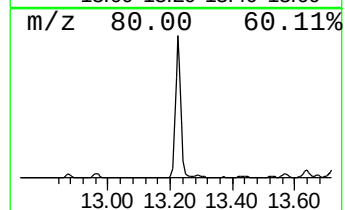
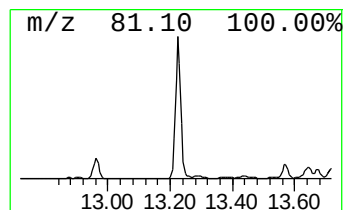
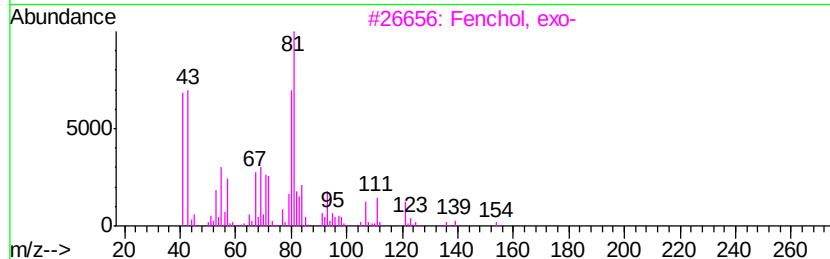
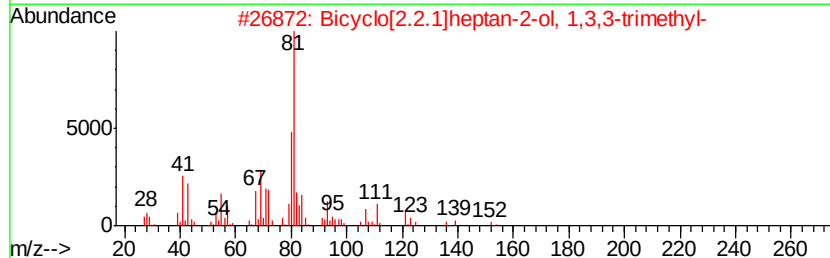
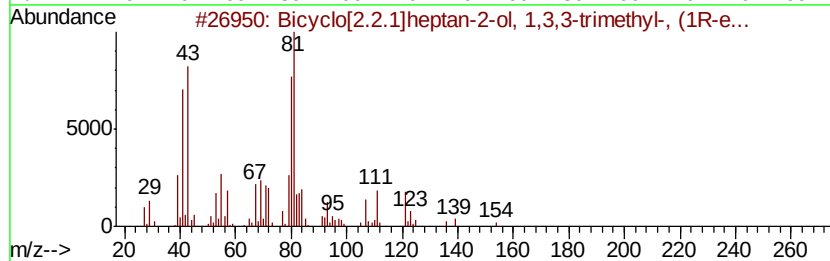
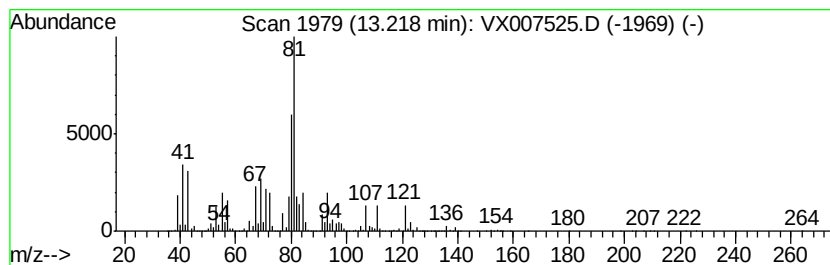
Instrument :  
MSVOA\_X  
ClientSampled :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 3

| R.T.    | EstConc     | Area                                | Relative to ISTD       | R.T.           |
|---------|-------------|-------------------------------------|------------------------|----------------|
| 13.22   | 109.71 ug/l | 6763100                             | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5           | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |             | Bicyclo[2.2.1]heptan-2-ol, 1,3,3... | 154 C10H180            | 002217-02-9 96 |
| 2       |             | Bicyclo[2.2.1]heptan-2-ol, 1,3,3... | 154 C10H180            | 001632-73-1 96 |
| 3       |             | Fenchol, exo-                       | 154 C10H180            | 022627-95-8 95 |
| 4       |             | Bi-2-cyclohexen-1-yl                | 162 C12H18             | 001541-20-4 35 |
| 5       |             | Cyclopentanecarboxylic acid, 3-m... | 140 C8H12O2            | 037575-80-7 35 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

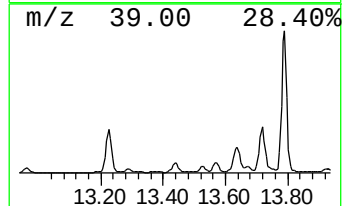
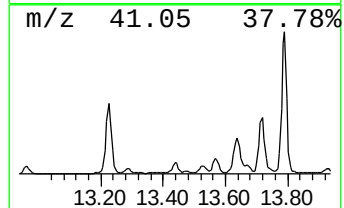
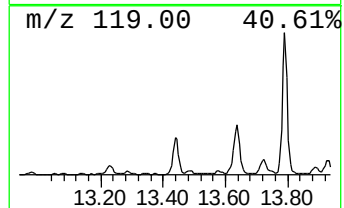
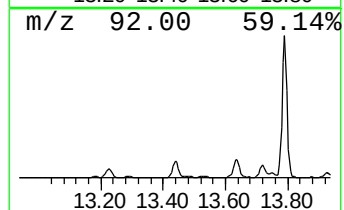
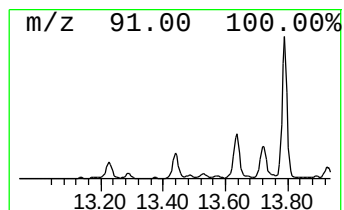
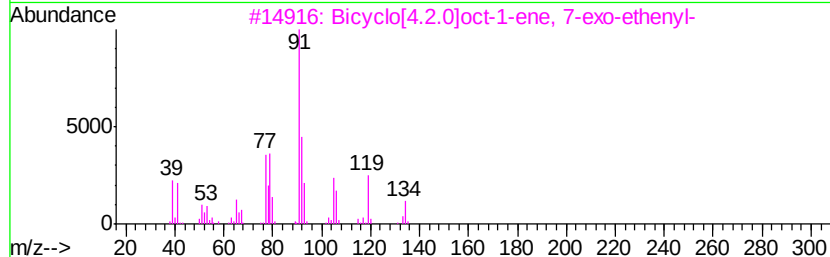
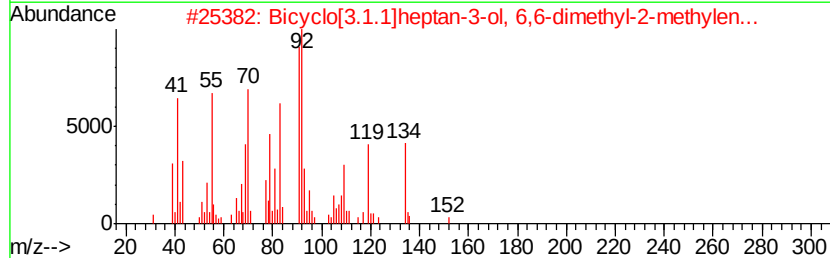
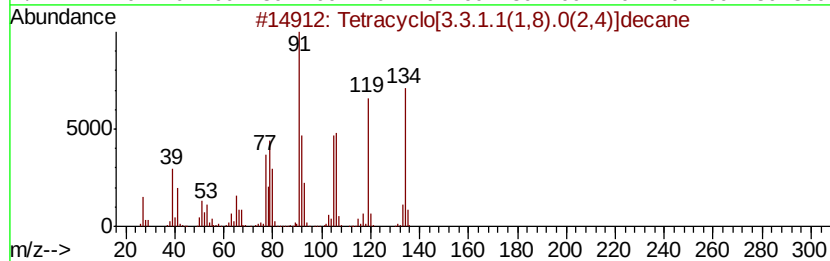
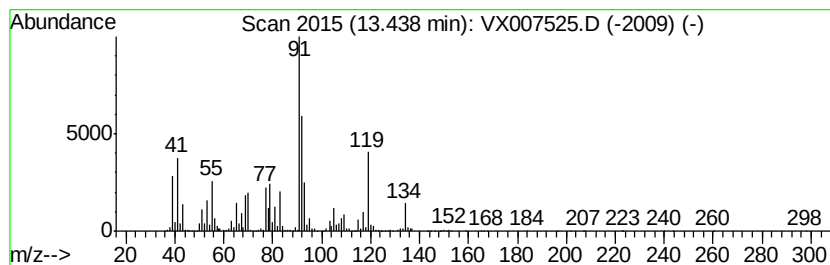
Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 unknown13.44 Concentration Rank 9

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.            |
|---------|------------|-------------------------------------|------------------------|-----------------|
| 13.44   | 17.44 ug/l | 1074950                             | 1,4-Dichlorobenzene-d4 | 12.08           |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual       |
| 1       |            | Tetracyclo[3.3.1.1(1,8).0(2,4)]d... | 134 C10H14             | 1000185-58-7 47 |
| 2       |            | Bicyclo[3.1.1]heptan-3-ol, 6,6-d... | 152 C10H16O            | 000547-61-5 38  |
| 3       |            | Bicyclo[4.2.0]oct-1-ene, 7-exo-e... | 134 C10H14             | 1000142-18-2 38 |
| 4       |            | (6,6-Dimethylbicyclo[3.1.1]hept-... | 224 C13H20O3           | 1000373-80-4 35 |
| 5       |            | Tricyclo[3.2.1.0(2,4)]octane, 3-... | 120 C9H12              | 1000150-04-5 30 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

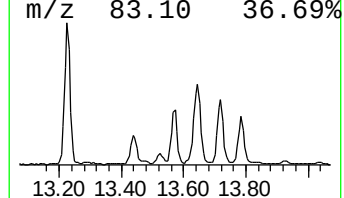
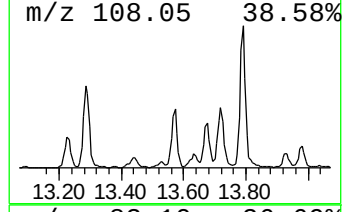
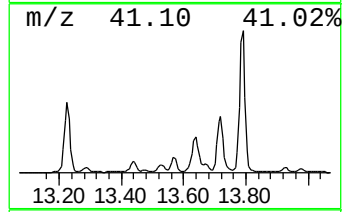
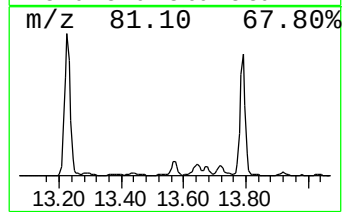
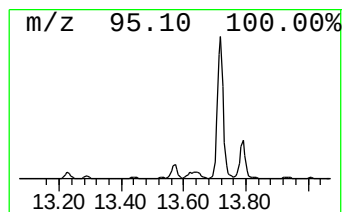
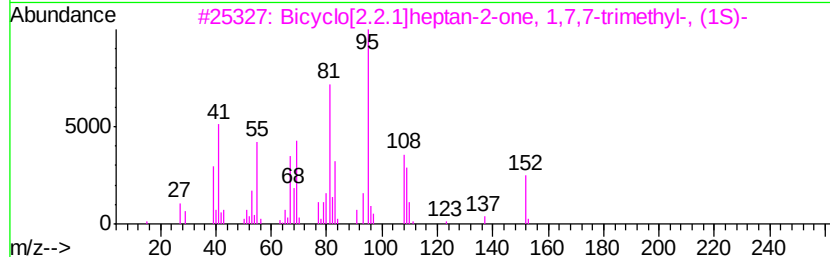
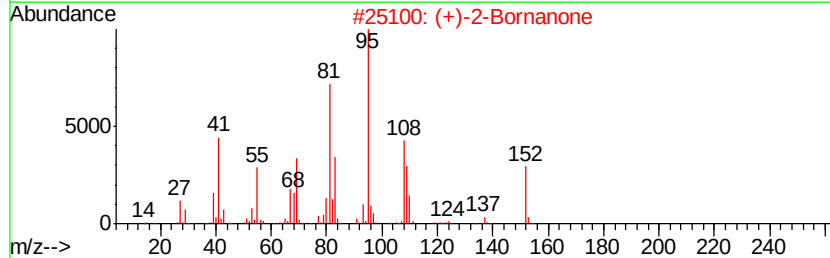
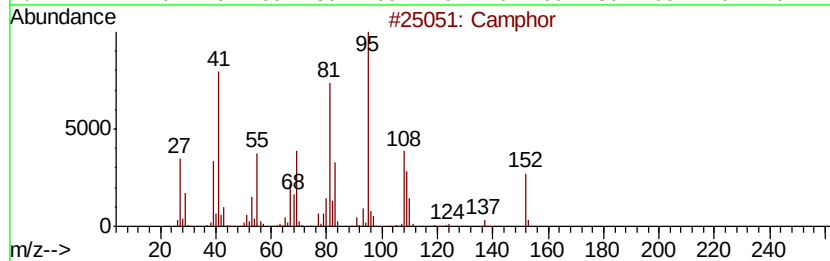
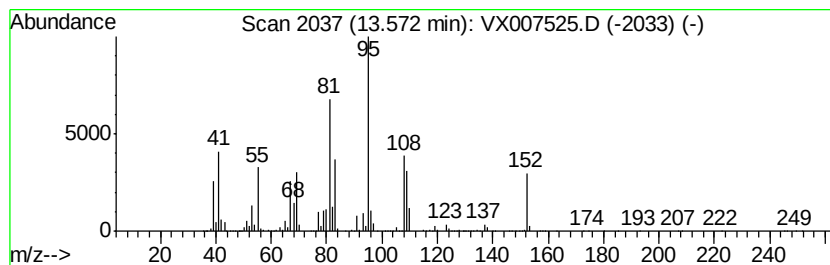
Instrument :  
MSVOA\_X  
ClientSampled :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 Camphor Concentration Rank 10

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 13.57   | 17.35 ug/l                          | 1069220      | 1,4-Dichlorobenzene-d4 | 12.08     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Camphor                             | 152 C10H16O  | 000076-22-2            | 98        |
| 2       | (+)-2-Bornanone                     | 152 C10H16O  | 000464-49-3            | 97        |
| 3       | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 C10H16O  | 000464-48-2            | 87        |
| 4       | 2-Butanone, 4-(5-methyl-2-furanyl)- | 152 C9H12O2  | 013679-56-6            | 46        |
| 5       | 1-(1-Propynyl)cyclohexanol          | 138 C9H14O   | 000697-37-0            | 46        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

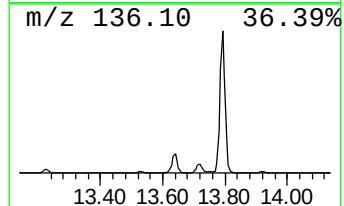
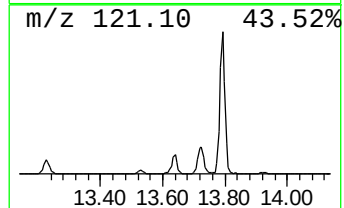
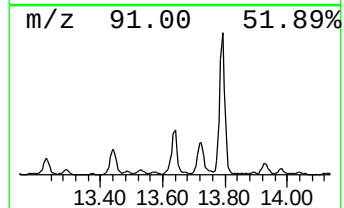
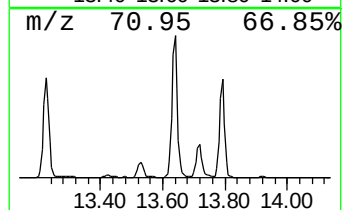
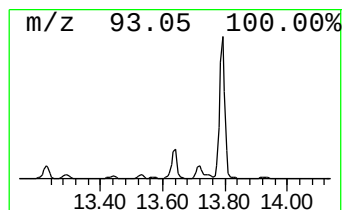
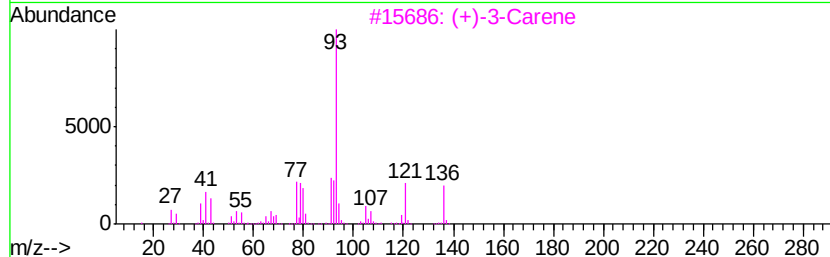
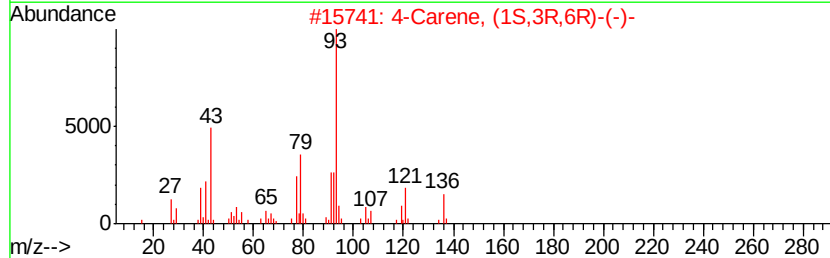
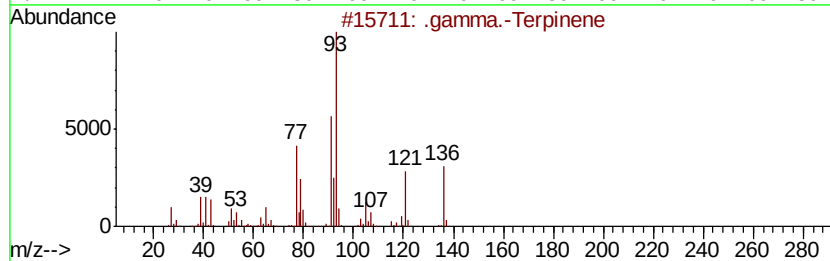
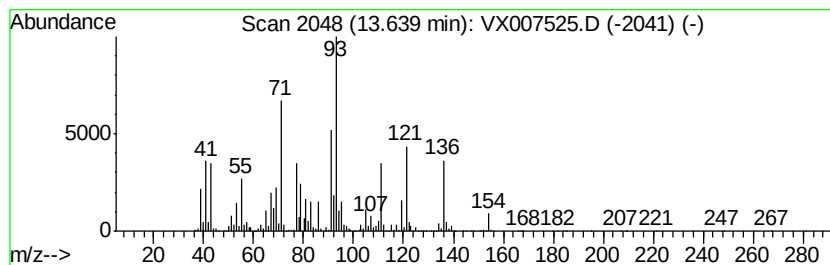
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 .gamma.-Terpinene Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 13.64 | 77.64 ug/l | 4786360 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | .gamma.-Terpinene                   | 136 | C10H16  | 000099-85-4 | 91   |
| 2    |    | 4-Carene, (1S,3R,6R)-(-)-           | 136 | C10H16  | 005208-49-1 | 60   |
| 3    |    | (+)-3-Carene                        | 136 | C10H16  | 000498-15-7 | 60   |
| 4    |    | Cyclohexene, 4-methylene-1-(1-me... | 136 | C10H16  | 000099-84-3 | 55   |
| 5    |    | .alpha.-Phellandrene                | 136 | C10H16  | 000099-83-2 | 49   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260

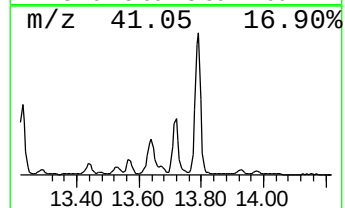
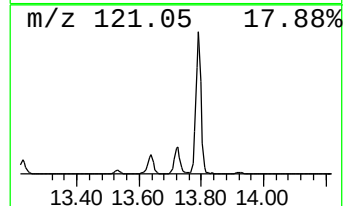
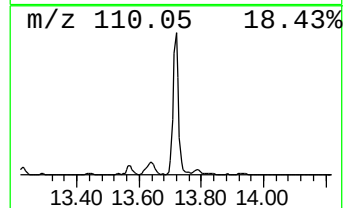
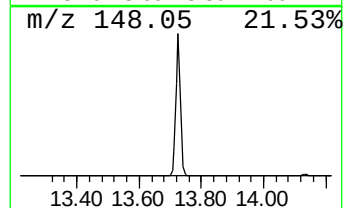
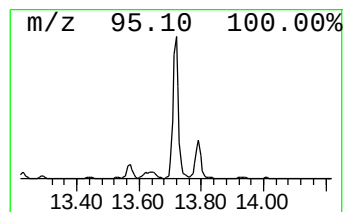
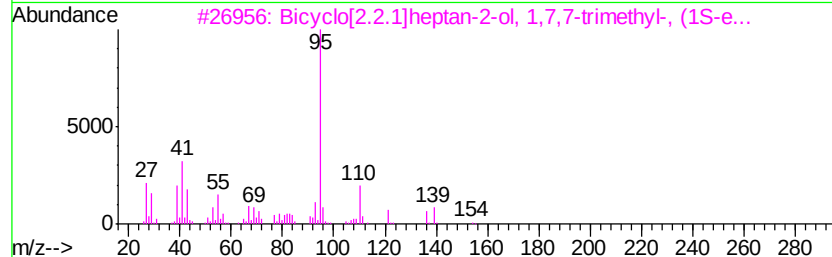
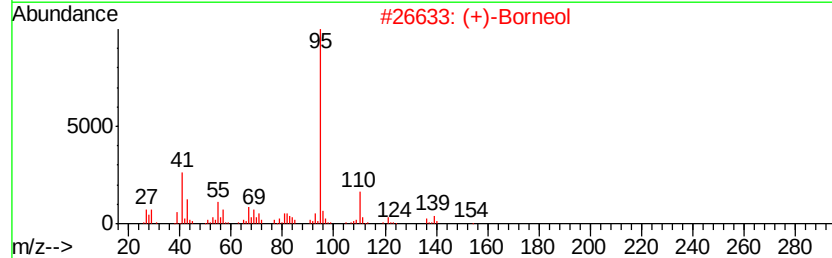
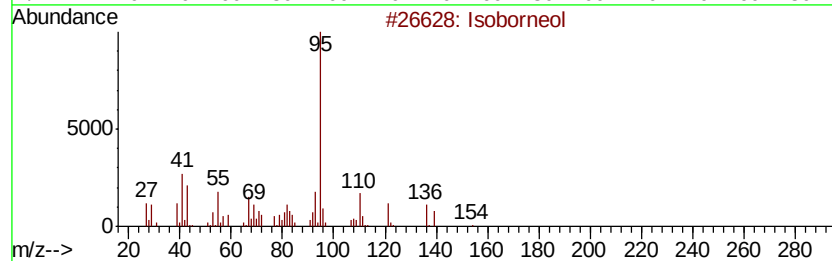
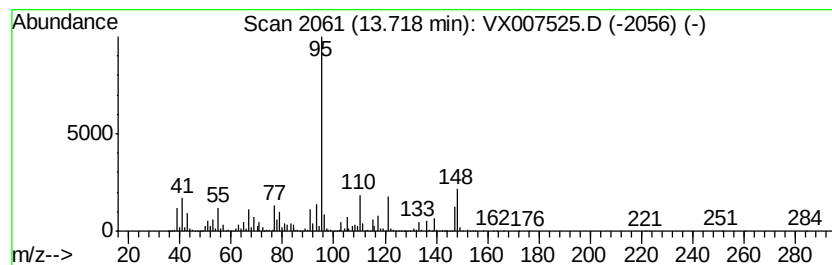
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Isoborneol Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 13.72 | 134.17 ug/l | 8270710 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Isoborneol                          | 154 | C10H18O | 000124-76-5  | 62   |
| 2    |    | (+)-Borneol                         | 154 | C10H18O | 1000150-76-3 | 58   |
| 3    |    | Bicyclo[2.2.1]heptan-2-ol, 1,7,7... | 154 | C10H18O | 000464-45-9  | 58   |
| 4    |    | endo-Borneol                        | 154 | C10H18O | 000507-70-0  | 53   |
| 5    |    | Cyclopentene, 1,2,3-trimethyl-      | 110 | C8H14   | 000473-91-6  | 49   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX021419\  
Data File : VX007525.D  
Acq On : 13 Feb 2019 17:24  
Operator : JC/SP  
Sample : K1461-09  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.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 |
| Pentanal             | 7.66  | 53.7    | ug/l  | 1926060  | 2                     | 6.86  | 1793950 | 50.0 |
| Hexanal              | 9.58  | 233.7   | ug/l  | 10589500 | 3                     | 10.12 | 2265710 | 50.0 |
| Camphene             | 11.22 | 21.8    | ug/l  | 1343050  | 4                     | 12.08 | 3082210 | 50.0 |
| Eucalyptol           | 12.16 | 19.1    | ug/l  | 1176850  | 4                     | 12.08 | 3082210 | 50.0 |
| E-11,13-Tetradeca... | 12.64 | 26.3    | ug/l  | 1620890  | 4                     | 12.08 | 3082210 | 50.0 |
| Bicyclo[2.2.1]hep... | 13.22 | 109.7   | ug/l  | 6763100  | 4                     | 12.08 | 3082210 | 50.0 |
| unknown13.44         | 13.44 | 17.4    | ug/l  | 1074950  | 4                     | 12.08 | 3082210 | 50.0 |
| Camphor              | 13.57 | 17.4    | ug/l  | 1069220  | 4                     | 12.08 | 3082210 | 50.0 |
| .gamma.-Terpinene    | 13.64 | 77.6    | ug/l  | 4786360  | 4                     | 12.08 | 3082210 | 50.0 |
| Isoborneol           | 13.72 | 134.2   | ug/l  | 8270710  | 4                     | 12.08 | 3082210 | 50.0 |