

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
 Data File : VX006350.D  
 Acq On : 07 Dec 2018 16:31  
 Operator : JC/MD  
 Sample : J6269-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OILY-WATER

## 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\82X112918W.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         | 4.397       | 520           | 532         | 549          | rVB      | 1165017        | 3481563       | 3.05%           | 0.469%        |
| 2         | 5.506       | 699           | 714         | 718          | rBV      | 440146         | 1277501       | 1.12%           | 0.172%        |
| 3         | 5.579       | 718           | 726         | 734          | rVV      | 1638614        | 5201318       | 4.56%           | 0.701%        |
| 4         | 5.665       | 734           | 740         | 772          | rVB      | 759155         | 2544116       | 2.23%           | 0.343%        |
| 5         | 6.256       | 827           | 837         | 848          | rBV4     | 305539         | 1178916       | 1.03%           | 0.159%        |
| 6         | 6.451       | 861           | 869         | 881          | rVB2     | 561646         | 1577901       | 1.38%           | 0.213%        |
| 7         | 6.860       | 927           | 936         | 945          | rBV      | 1075379        | 2767917       | 2.43%           | 0.373%        |
| 8         | 7.463       | 1020          | 1035        | 1044         | rBV      | 3698583        | 8448066       | 7.41%           | 1.139%        |
| 9         | 8.664       | 1226          | 1232        | 1235         | rBV2     | 934000         | 1688882       | 1.48%           | 0.228%        |
| 10        | 8.713       | 1235          | 1240        | 1248         | rVB      | 2474128        | 4300298       | 3.77%           | 0.580%        |
| 11        | 9.036       | 1286          | 1293        | 1300         | rVB3     | 814012         | 1851265       | 1.62%           | 0.250%        |
| 12        | 9.621       | 1385          | 1389        | 1394         | rVB      | 1195484        | 1627419       | 1.43%           | 0.219%        |
| 13        | 10.115      | 1465          | 1470        | 1474         | rBV      | 2118605        | 2805051       | 2.46%           | 0.378%        |
| 14        | 10.249      | 1487          | 1492        | 1498         | rBV      | 935796         | 1469713       | 1.29%           | 0.198%        |
| 15        | 10.365      | 1498          | 1511        | 1516         | rVV      | 18032540       | 24414689      | 21.42%          | 3.292%        |
| 16        | 10.640      | 1549          | 1556        | 1563         | rBV3     | 585466         | 1245265       | 1.09%           | 0.168%        |
| 17        | 10.835      | 1580          | 1588        | 1593         | rBV3     | 1156381        | 1906464       | 1.67%           | 0.257%        |
| 18        | 10.914      | 1596          | 1601        | 1605         | rBV4     | 848852         | 1390469       | 1.22%           | 0.187%        |
| 19        | 11.018      | 1613          | 1618        | 1622         | rBV      | 1318123        | 1820862       | 1.60%           | 0.245%        |
| 20        | 11.139      | 1632          | 1638        | 1644         | rBV2     | 2209738        | 3431594       | 3.01%           | 0.463%        |
| 21        | 11.456      | 1683          | 1690        | 1694         | rBV      | 25232057       | 31133413      | 27.32%          | 4.197%        |
| 22        | 11.505      | 1694          | 1698        | 1702         | rVB      | 1834605        | 2152518       | 1.89%           | 0.290%        |
| 23        | 11.670      | 1720          | 1725        | 1734         | rBV      | 3009044        | 4832777       | 4.24%           | 0.652%        |
| 24        | 11.816      | 1743          | 1749        | 1754         | rVV2     | 85684497       | 113973791     | 100.00%         | 15.366%       |
| 25        | 11.920      | 1758          | 1766        | 1768         | rBV2     | 856403         | 1429879       | 1.25%           | 0.193%        |
| 26        | 11.944      | 1768          | 1770        | 1775         | rVB      | 1272455        | 1554128       | 1.36%           | 0.210%        |
| 27        | 12.072      | 1786          | 1791        | 1797         | rVB2     | 3180983        | 5783096       | 5.07%           | 0.780%        |
| 28        | 12.145      | 1797          | 1803        | 1808         | rBV      | 9562809        | 11848160      | 10.40%          | 1.597%        |
| 29        | 12.304      | 1823          | 1829        | 1835         | rVV      | 51585196       | 61995690      | 54.39%          | 8.358%        |
| 30        | 12.371      | 1835          | 1840        | 1847         | rVB2     | 10724011       | 15323940      | 13.45%          | 2.066%        |
| 31        | 12.462      | 1849          | 1855        | 1860         | rBV2     | 2529901        | 3595151       | 3.15%           | 0.485%        |
| 32        | 12.517      | 1860          | 1864        | 1869         | rBV      | 4466257        | 5349508       | 4.69%           | 0.721%        |
| 33        | 12.590      | 1871          | 1876        | 1878         | rBV      | 14940688       | 19506358      | 17.11%          | 2.630%        |
| 34        | 12.615      | 1878          | 1880        | 1885         | rVV      | 11403110       | 11606515      | 10.18%          | 1.565%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

## 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\82X112918W.M  
Title : SW846 8260

|    |        |      |      |      |      |          |          |        |        |
|----|--------|------|------|------|------|----------|----------|--------|--------|
| 35 | 12.670 | 1885 | 1889 | 1892 | rVV  | 26710027 | 31969657 | 28.05% | 4.310% |
| 36 | 12.706 | 1892 | 1895 | 1899 | rVV  | 7535416  | 9249362  | 8.12%  | 1.247% |
| 37 | 12.761 | 1899 | 1904 | 1911 | rVB2 | 28955991 | 38795513 | 34.04% | 5.230% |
| 38 | 12.901 | 1922 | 1927 | 1932 | rVB3 | 2986380  | 4219113  | 3.70%  | 0.569% |
| 39 | 12.981 | 1932 | 1940 | 1943 | rBV  | 17087159 | 21078763 | 18.49% | 2.842% |
| 40 | 13.023 | 1943 | 1947 | 1952 | rVB  | 26102958 | 29959826 | 26.29% | 4.039% |
| 41 | 13.084 | 1952 | 1957 | 1962 | rBV3 | 2428091  | 5288285  | 4.64%  | 0.713% |
| 42 | 13.194 | 1972 | 1975 | 1977 | rBV  | 1711185  | 2107834  | 1.85%  | 0.284% |
| 43 | 13.231 | 1977 | 1981 | 1985 | rVV  | 22279991 | 27560069 | 24.18% | 3.716% |
| 44 | 13.267 | 1985 | 1987 | 1990 | rVB2 | 1592193  | 1748839  | 1.53%  | 0.236% |
| 45 | 13.310 | 1990 | 1994 | 1997 | rBV2 | 2735633  | 4013787  | 3.52%  | 0.541% |
| 46 | 13.352 | 1997 | 2001 | 2006 | rVB2 | 47695264 | 63992580 | 56.15% | 8.627% |
| 47 | 13.426 | 2011 | 2013 | 2018 | rVB  | 2232131  | 2377758  | 2.09%  | 0.321% |
| 48 | 13.480 | 2018 | 2022 | 2029 | rVB  | 9643701  | 11970192 | 10.50% | 1.614% |
| 49 | 13.560 | 2030 | 2035 | 2038 | rBV2 | 3711446  | 4922329  | 4.32%  | 0.664% |
| 50 | 13.602 | 2038 | 2042 | 2045 | rVV  | 8100483  | 10761563 | 9.44%  | 1.451% |
| 51 | 13.645 | 2045 | 2049 | 2054 | rVV2 | 7310359  | 13441506 | 11.79% | 1.812% |
| 52 | 13.724 | 2054 | 2062 | 2068 | rVB2 | 8373551  | 16258721 | 14.27% | 2.192% |
| 53 | 13.834 | 2073 | 2080 | 2089 | rVB  | 15482470 | 20045996 | 17.59% | 2.703% |
| 54 | 13.913 | 2089 | 2093 | 2098 | rVB3 | 875474   | 1359378  | 1.19%  | 0.183% |
| 55 | 13.980 | 2098 | 2104 | 2109 | rBV2 | 3334232  | 5012949  | 4.40%  | 0.676% |
| 56 | 14.029 | 2109 | 2112 | 2116 | rBV  | 2750466  | 2957159  | 2.59%  | 0.399% |
| 57 | 14.133 | 2124 | 2129 | 2134 | rBV  | 5935943  | 7093849  | 6.22%  | 0.956% |
| 58 | 14.273 | 2146 | 2152 | 2161 | rBV  | 4878911  | 8678168  | 7.61%  | 1.170% |
| 59 | 14.377 | 2165 | 2169 | 2174 | rVV  | 1897867  | 2608612  | 2.29%  | 0.352% |
| 60 | 14.432 | 2174 | 2178 | 2183 | rVB  | 3363410  | 4163373  | 3.65%  | 0.561% |
| 61 | 14.541 | 2191 | 2196 | 2200 | rBV2 | 1112971  | 1676594  | 1.47%  | 0.226% |
| 62 | 14.657 | 2209 | 2215 | 2218 | rBV  | 2670927  | 3640423  | 3.19%  | 0.491% |
| 63 | 14.700 | 2218 | 2222 | 2232 | rVB  | 7996156  | 10986343 | 9.64%  | 1.481% |
| 64 | 14.840 | 2240 | 2245 | 2253 | rVB2 | 6512548  | 9292909  | 8.15%  | 1.253% |

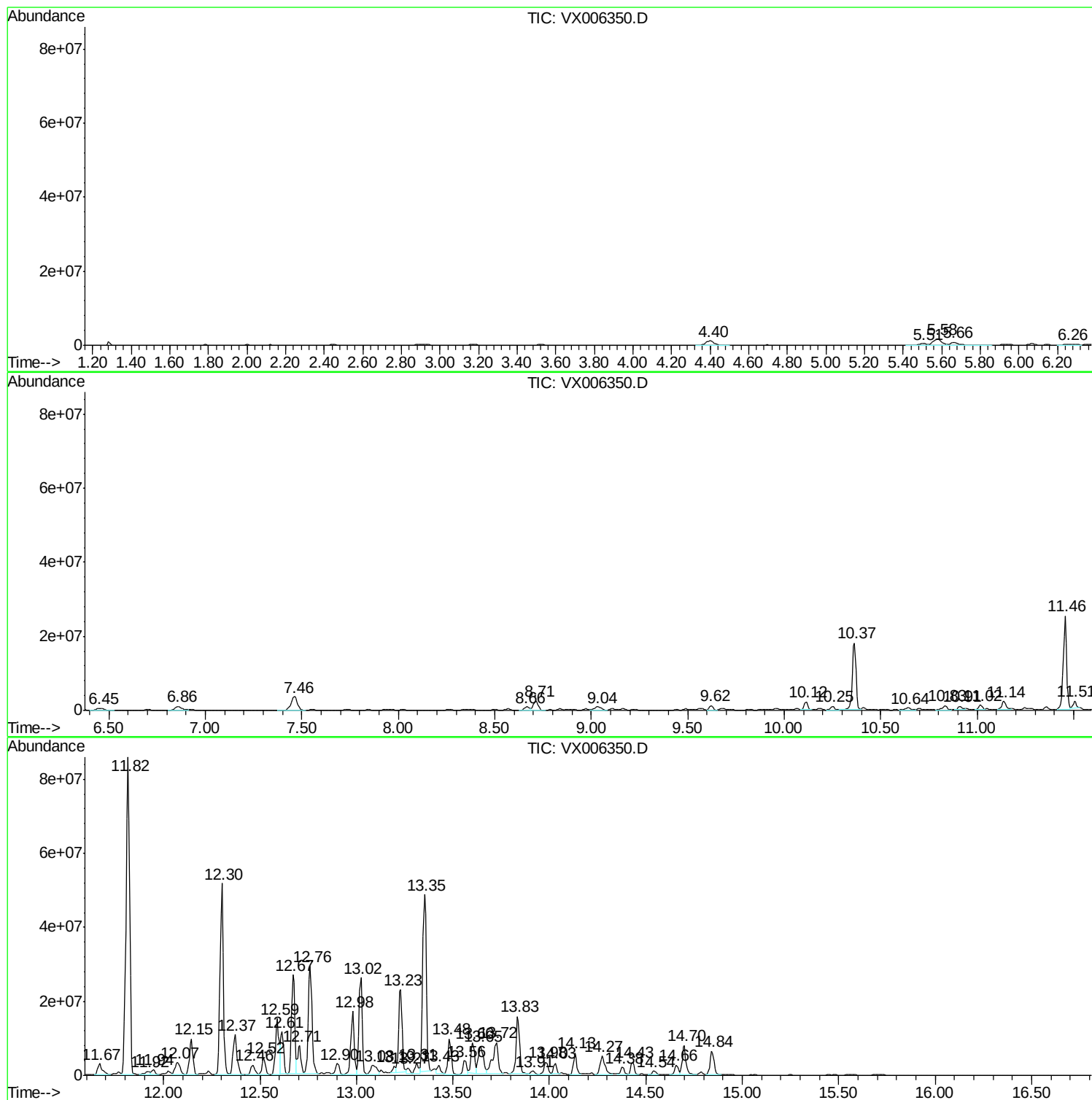
Sum of corrected areas: 741745643

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

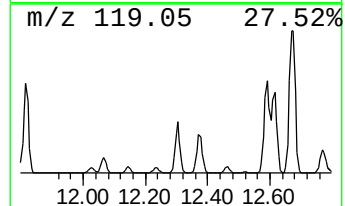
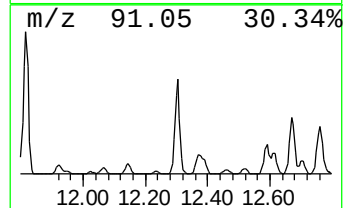
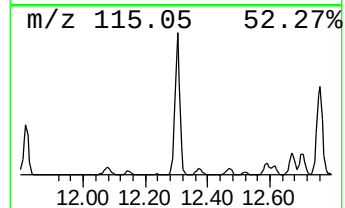
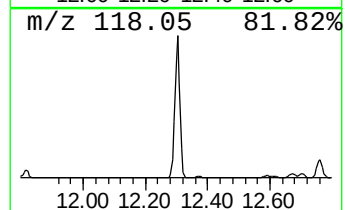
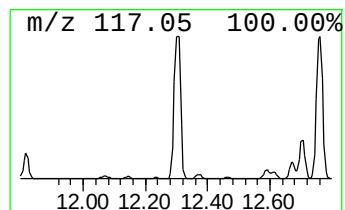
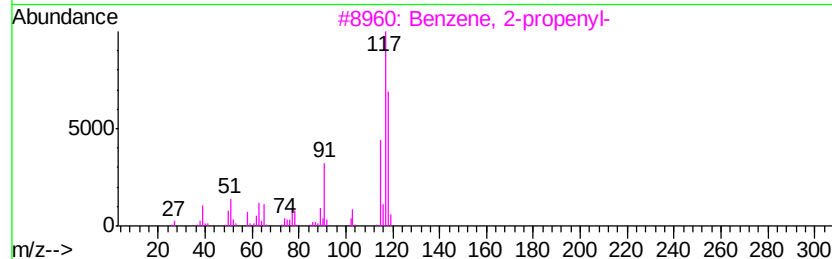
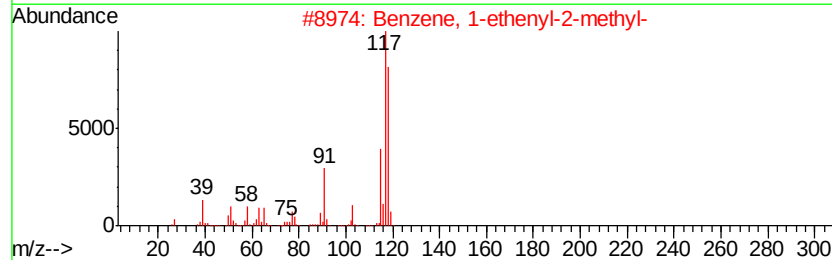
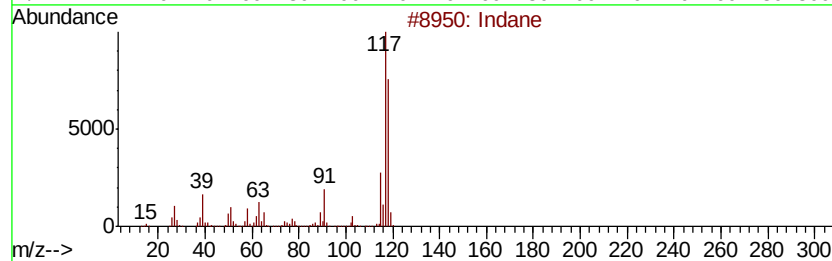
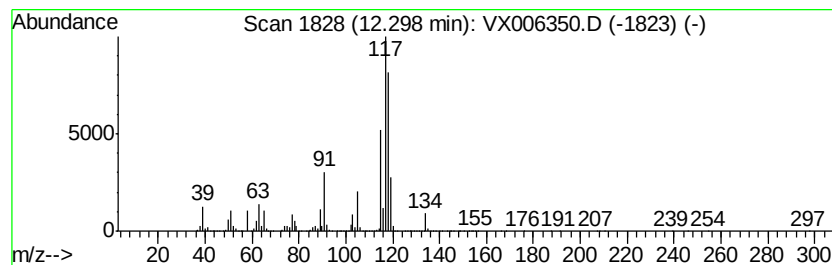
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 12.30 | 536.01 ug/l | 61995700 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5                            | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------------|--------------|-----|---------|-------------|------|
| 1       | Indane                       |              | 118 | C9H10   | 000496-11-7 | 93   |
| 2       | Benzene, 1-ethenyl-2-methyl- |              | 118 | C9H10   | 000611-15-4 | 92   |
| 3       | Benzene, 2-propenyl-         |              | 118 | C9H10   | 000300-57-2 | 86   |
| 4       | Benzene, 1-ethenyl-4-methyl- |              | 118 | C9H10   | 000622-97-9 | 86   |
| 5       | Benzene, 1-propenyl-         |              | 118 | C9H10   | 000637-50-3 | 86   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

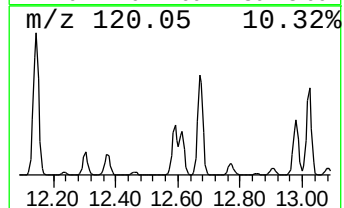
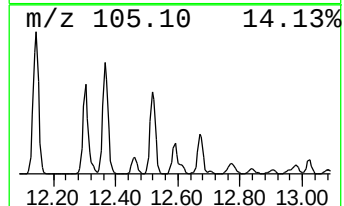
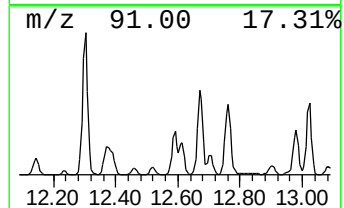
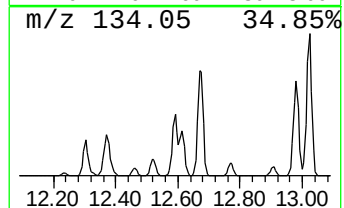
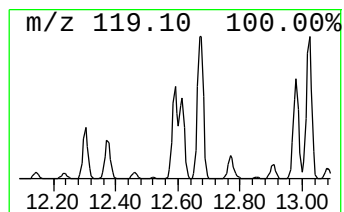
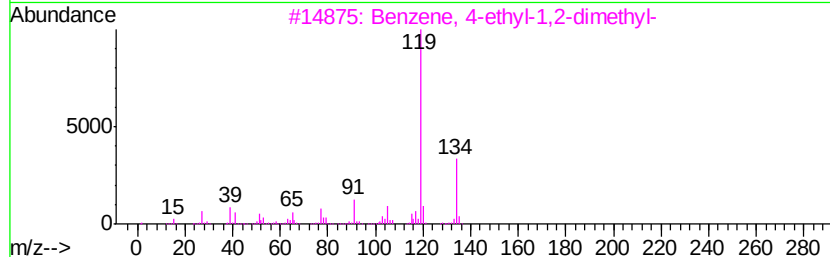
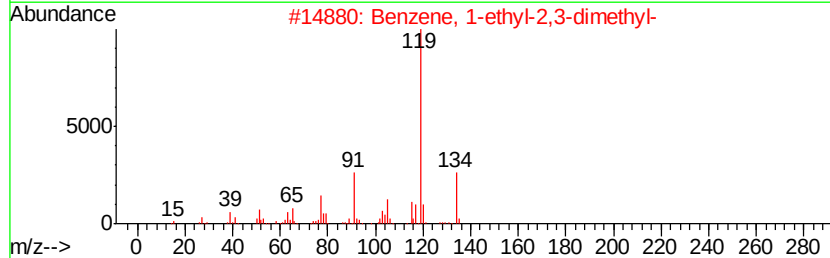
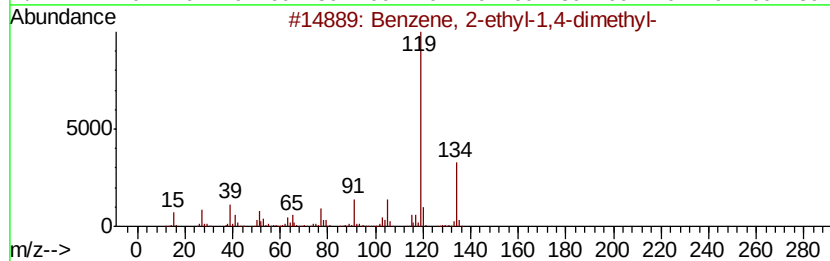
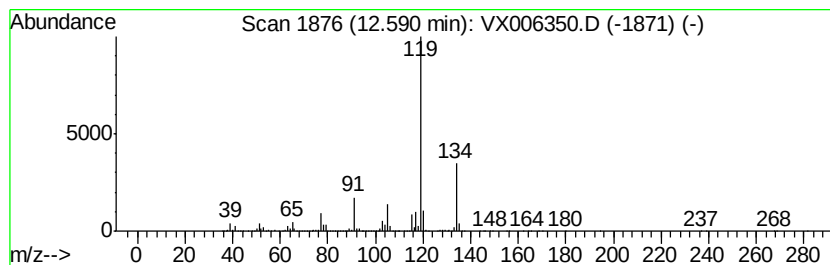
Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

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

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

| R.T.    | EstConc     | Area                                | Relative to ISTD       | R.T.           |
|---------|-------------|-------------------------------------|------------------------|----------------|
| 12.59   | 168.65 ug/l | 19506400                            | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5           | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |             | Benzene, 2-ethyl-1,4-dimethyl-      | 134 C10H14             | 001758-88-9 97 |
| 2       |             | Benzene, 1-ethyl-2,3-dimethyl-      | 134 C10H14             | 000933-98-2 96 |
| 3       |             | Benzene, 4-ethyl-1,2-dimethyl-      | 134 C10H14             | 000934-80-5 95 |
| 4       |             | Benzene, 1-methyl-3-(1-methyleth... | 134 C10H14             | 000535-77-3 94 |
| 5       |             | o-Cymene                            | 134 C10H14             | 000527-84-4 94 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

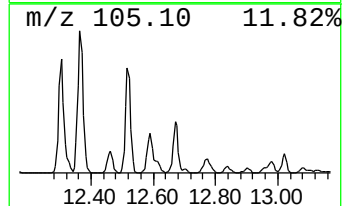
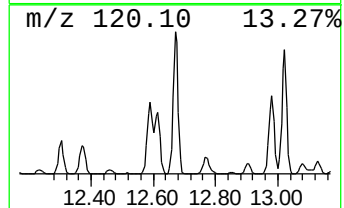
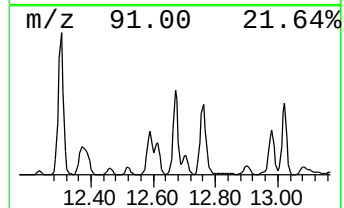
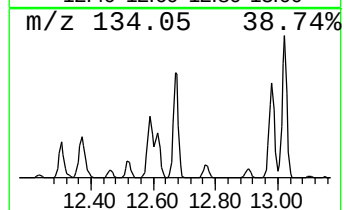
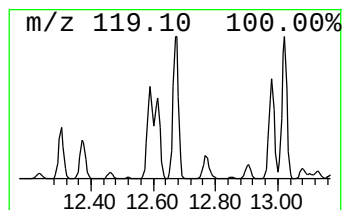
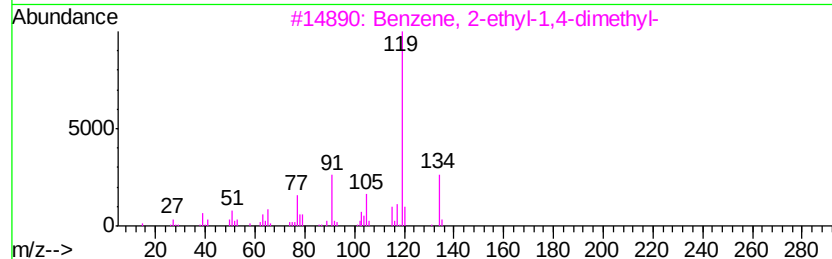
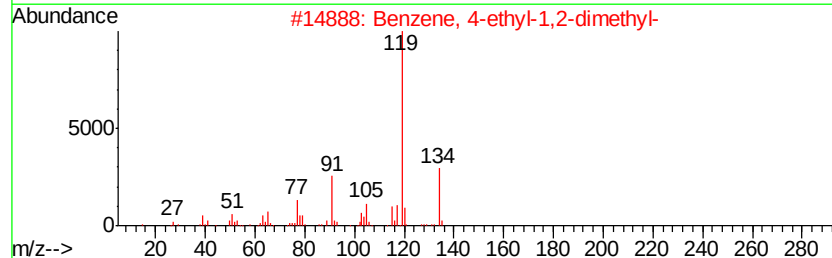
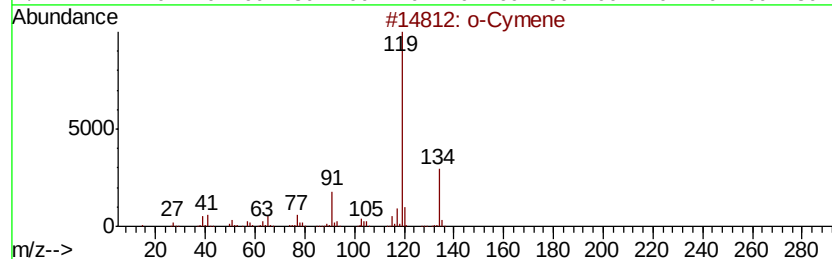
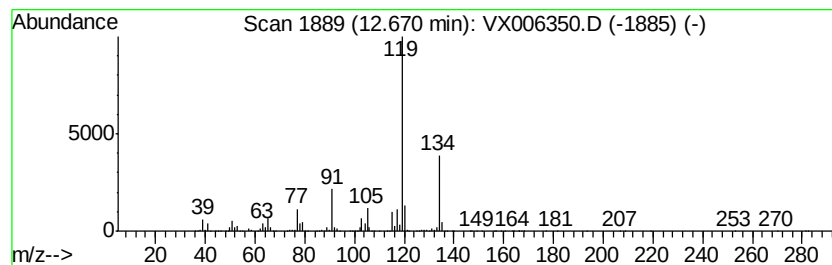
Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 o-Cymene Concentration Rank 4

| R.T.    | EstConc     | Area                           | Relative to ISTD       | R.T.           |
|---------|-------------|--------------------------------|------------------------|----------------|
| 12.67   | 276.41 ug/l | 31969700                       | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5           | Tentative ID                   | MW MolForm             | CAS# Qual      |
| 1       |             | o-Cymene                       | 134 C10H14             | 000527-84-4 97 |
| 2       |             | Benzene, 4-ethyl-1,2-dimethyl- | 134 C10H14             | 000934-80-5 96 |
| 3       |             | Benzene, 2-ethyl-1,4-dimethyl- | 134 C10H14             | 001758-88-9 96 |
| 4       |             | Benzene, 1-ethyl-2,3-dimethyl- | 134 C10H14             | 000933-98-2 96 |
| 5       |             | Benzene, 2-ethyl-1,3-dimethyl- | 134 C10H14             | 002870-04-4 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

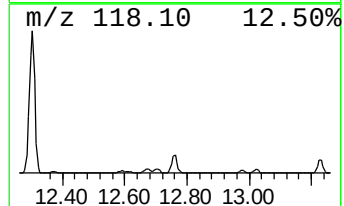
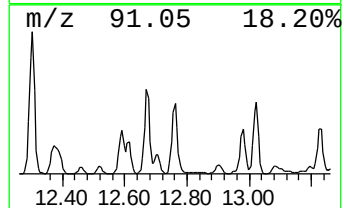
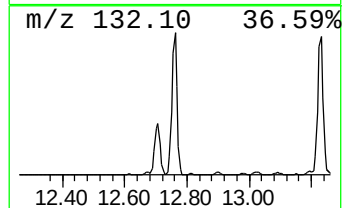
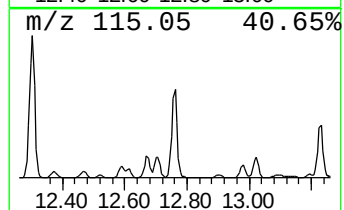
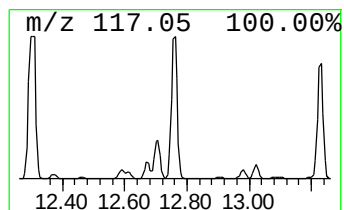
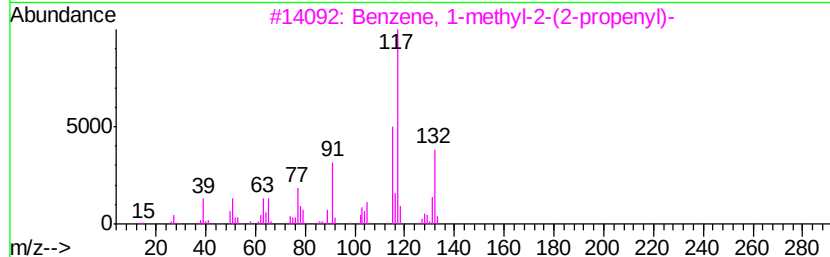
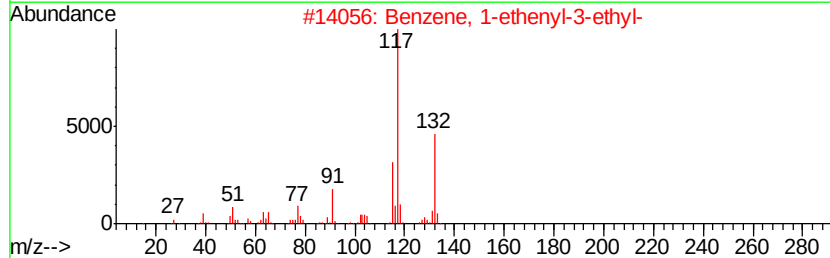
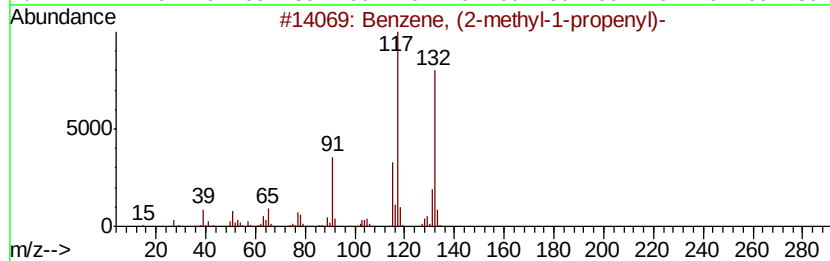
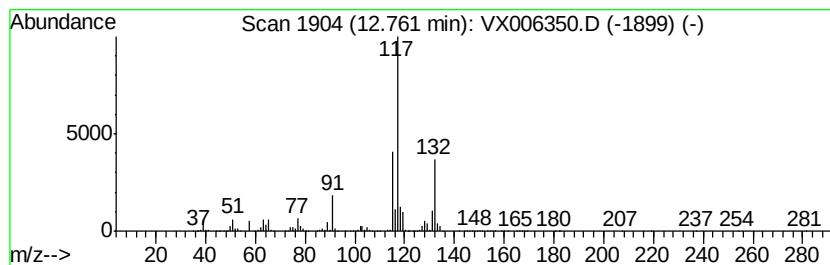
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 3

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 12.76 | 335.42 ug/l | 38795500 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------------------|-----|---------|-------------|------|
| 1       | Benzene, (2-methyl-1-propenyl)-   | 132 | C10H12  | 000768-49-0 | 91   |
| 2       | Benzene, 1-ethenyl-3-ethyl-       | 132 | C10H12  | 007525-62-4 | 90   |
| 3       | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 90   |
| 4       | (E)-1-Phenyl-1-butene             | 132 | C10H12  | 001005-64-7 | 90   |
| 5       | Benzene, 2-butenyl-               | 132 | C10H12  | 001560-06-1 | 86   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

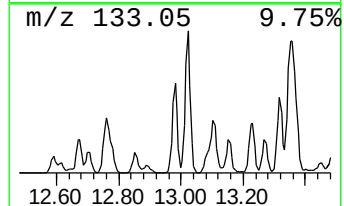
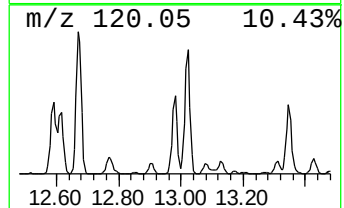
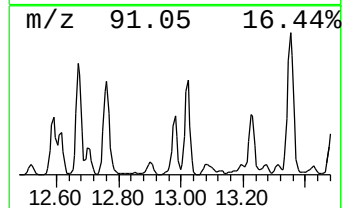
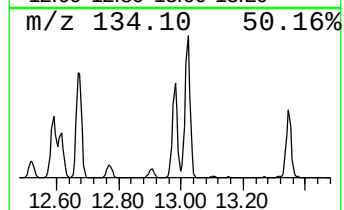
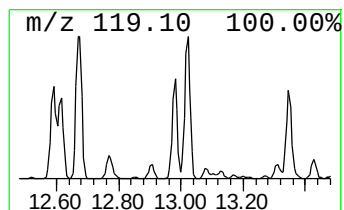
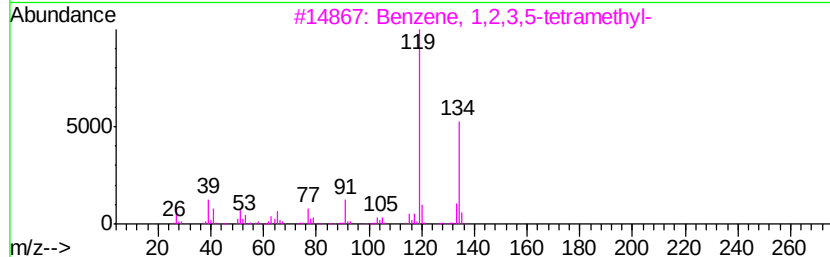
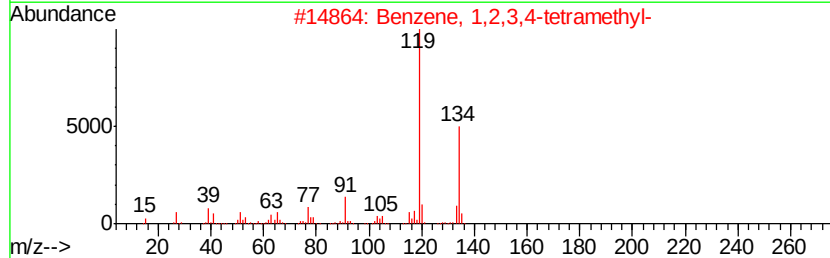
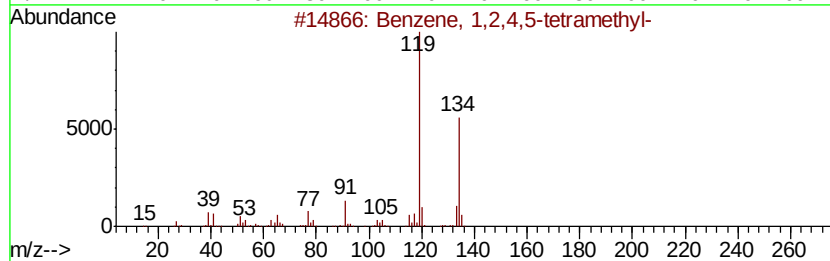
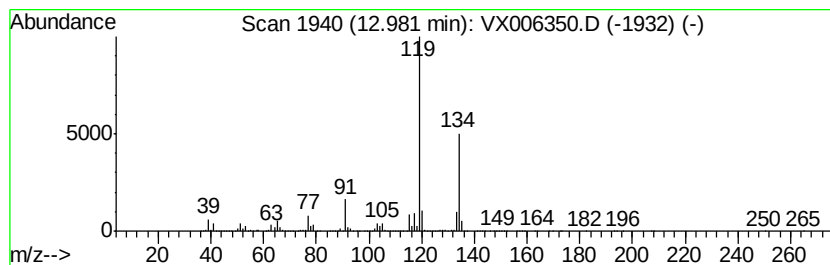
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 12.98 | 182.25 ug/l | 21078800 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 2    |    | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 3    |    | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 96   |
| 4    |    | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 94   |
| 5    |    | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 94   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

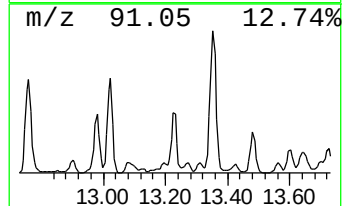
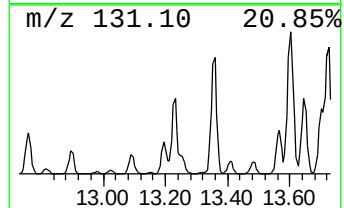
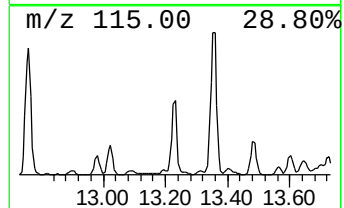
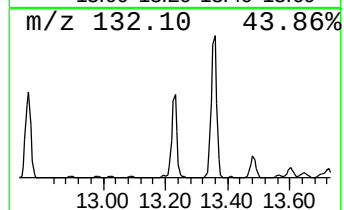
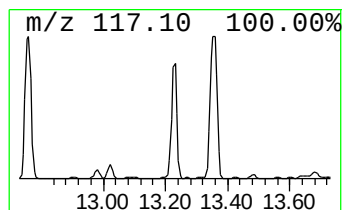
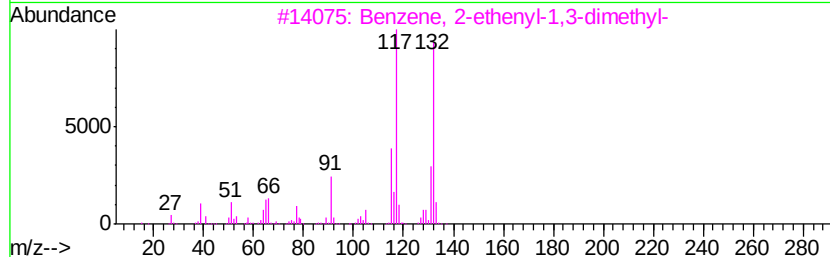
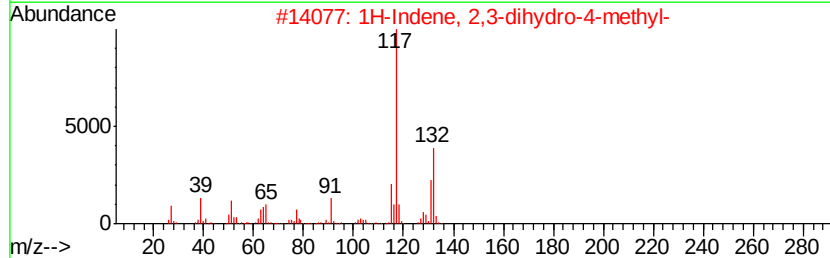
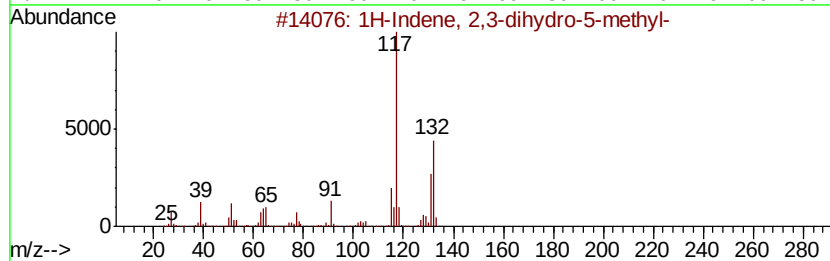
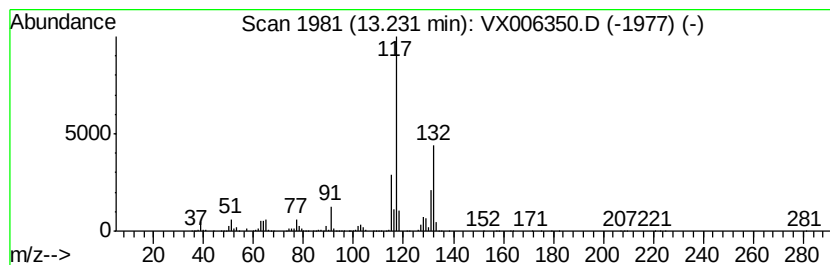
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 13.23 | 238.28 ug/l | 27560100 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 93   |
| 2    |    | 1H-Indene, 2,3-dihydro-4-methyl-    | 132 | C10H12  | 000824-22-6 | 90   |
| 3    |    | Benzene, 2-ethenyl-1,3-dimethyl-    | 132 | C10H12  | 002039-90-9 | 90   |
| 4    |    | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000767-99-7 | 90   |
| 5    |    | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
 Data File : VX006350.D  
 Acq On : 07 Dec 2018 16:31  
 Operator : JC/MD  
 Sample : J6269-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OILY-WATER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260

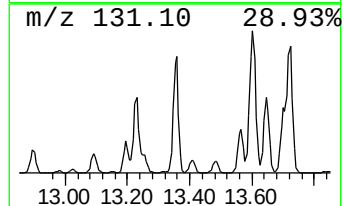
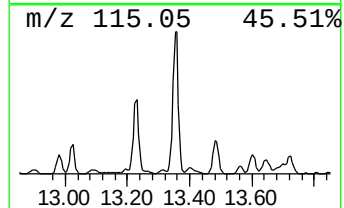
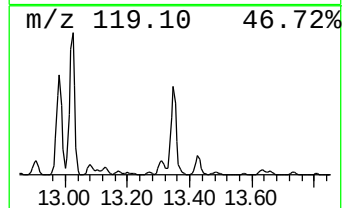
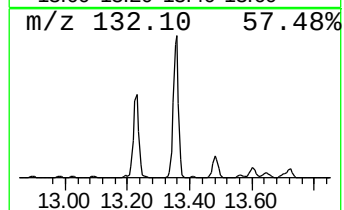
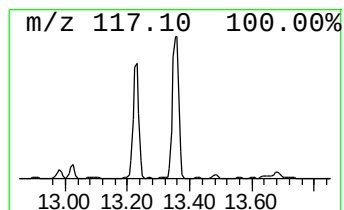
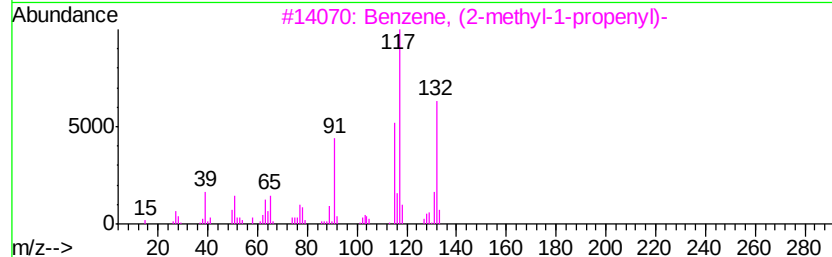
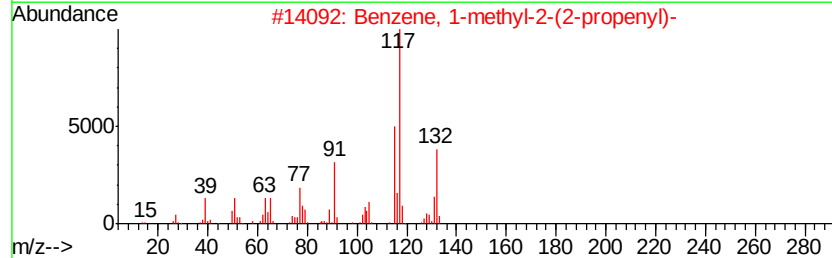
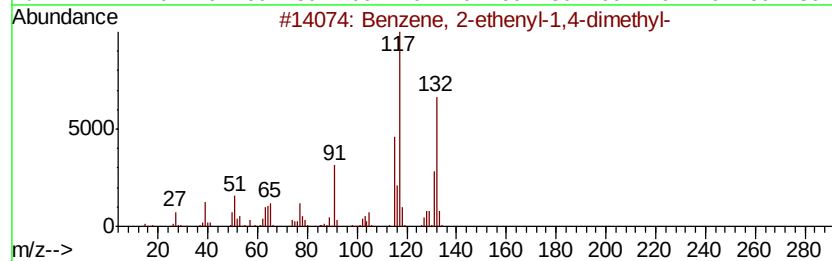
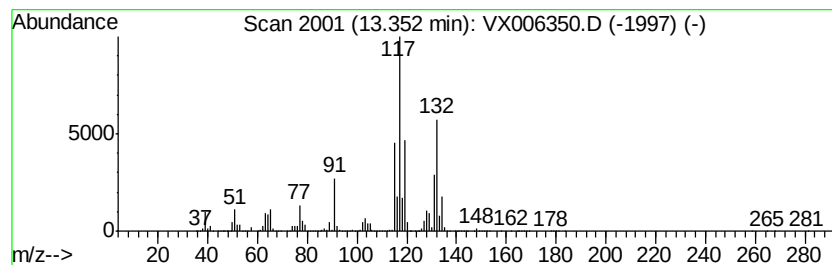
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 13.35 | 553.27 ug/l | 63992600 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------------|-----|---------|-------------|------|
| 1       |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 98   |
| 2       |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 93   |
| 3       |   | Benzene, (2-methyl-1-propenyl)-   | 132 | C10H12  | 000768-49-0 | 89   |
| 4       |   | 2,4-Dimethylstyrene               | 132 | C10H12  | 002234-20-0 | 87   |
| 5       |   | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 83   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260

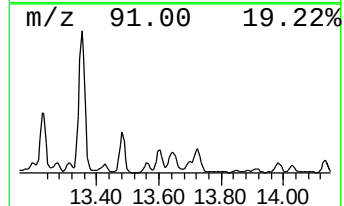
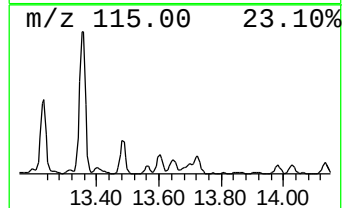
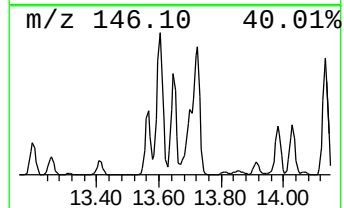
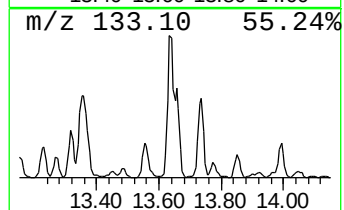
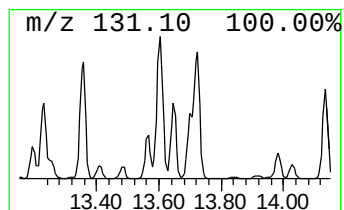
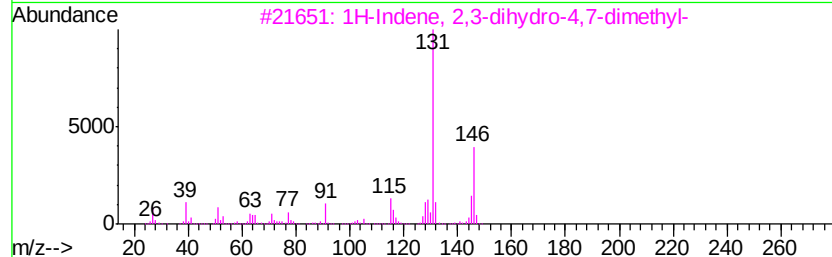
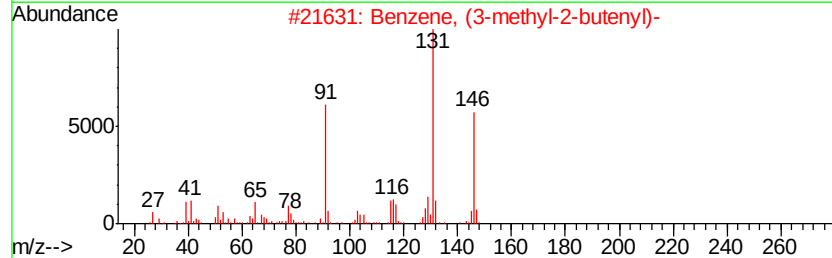
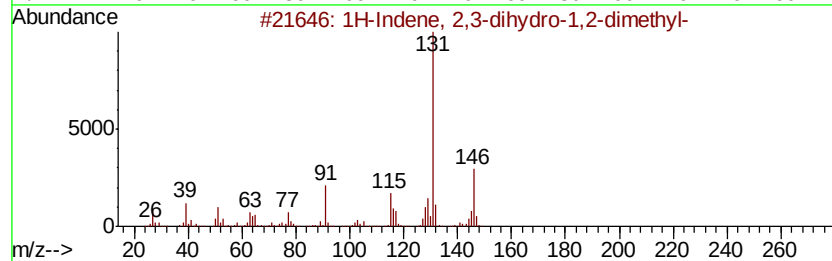
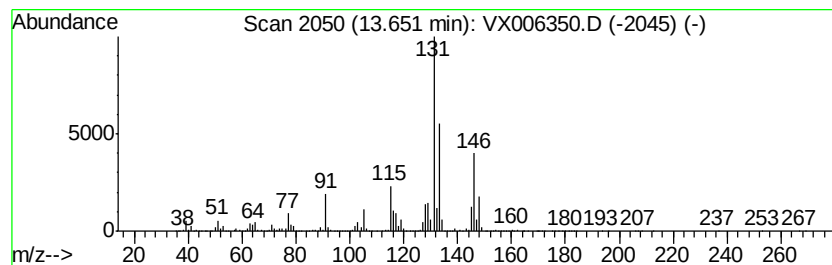
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 10

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 13.65 | 116.21 ug/l | 13441500 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5                                   | Tentative ID | MW     | MolForm | CAS#        | Qual |
|---------|-------------------------------------|--------------|--------|---------|-------------|------|
| 1       | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146          | C11H14 |         | 017057-82-8 | 90   |
| 2       | Benzene, (3-methyl-2-butenyl)-      | 146          | C11H14 |         | 004489-84-3 | 86   |
| 3       | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146          | C11H14 |         | 006682-71-9 | 76   |
| 4       | Benzene, (1-methyl-1-butenyl)-      | 146          | C11H14 |         | 053172-84-2 | 76   |
| 5       | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146          | C11H14 |         | 001075-22-5 | 76   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX120718\  
Data File : VX006350.D  
Acq On : 07 Dec 2018 16:31  
Operator : JC/MD  
Sample : J6269-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.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 |
| Indane               | 12.30 | 536.0   | ug/l  | 61995700 | 4                     | 12.08 | 5783100 | 50.0 |
| Benzene, 2-ethyl-... | 12.59 | 168.7   | ug/l  | 19506400 | 4                     | 12.08 | 5783100 | 50.0 |
| o-Cymene             | 12.67 | 276.4   | ug/l  | 31969700 | 4                     | 12.08 | 5783100 | 50.0 |
| Benzene, (2-methy... | 12.76 | 335.4   | ug/l  | 38795500 | 4                     | 12.08 | 5783100 | 50.0 |
| Benzene, 1,2,4,5-... | 12.98 | 182.3   | ug/l  | 21078800 | 4                     | 12.08 | 5783100 | 50.0 |
| 1H-Indene, 2,3-di... | 13.23 | 238.3   | ug/l  | 27560100 | 4                     | 12.08 | 5783100 | 50.0 |
| Benzene, 2-etheny... | 13.35 | 553.3   | ug/l  | 63992600 | 4                     | 12.08 | 5783100 | 50.0 |
| 1H-Indene, 2,3-di... | 13.65 | 116.2   | ug/l  | 13441500 | 4                     | 12.08 | 5783100 | 50.0 |