

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
 Data File : VX009830.D  
 Acq On : 23 May 2019 02:28  
 Operator : JC/SP  
 Sample : K2976-09 50X  
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(14-17)

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\82X042919W.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         | 5.501       | 700           | 713         | 724          | rBV      | 103861         | 296885        | 10.57%          | 0.567%        |
| 2         | 5.659       | 728           | 739         | 754          | rVV      | 181632         | 519873        | 18.52%          | 0.993%        |
| 3         | 6.062       | 793           | 805         | 817          | rBV      | 130046         | 343989        | 12.25%          | 0.657%        |
| 4         | 6.860       | 926           | 936         | 951          | rBV      | 300236         | 713321        | 25.41%          | 1.362%        |
| 5         | 8.713       | 1226          | 1240        | 1254         | rBV      | 644991         | 1015878       | 36.18%          | 1.940%        |
| 6         | 9.043       | 1287          | 1294        | 1301         | rVB      | 27532          | 47701         | 1.70%           | 0.091%        |
| 7         | 9.348       | 1337          | 1344        | 1350         | rVB      | 17214          | 29737         | 1.06%           | 0.057%        |
| 8         | 9.445       | 1350          | 1360        | 1369         | rBV      | 79582          | 130840        | 4.66%           | 0.250%        |
| 9         | 9.555       | 1373          | 1378        | 1386         | rBV2     | 58545          | 123487        | 4.40%           | 0.236%        |
| 10        | 9.677       | 1392          | 1398        | 1402         | rBV      | 195756         | 304560        | 10.85%          | 0.582%        |
| 11        | 9.719       | 1402          | 1405        | 1408         | rVV2     | 34927          | 60711         | 2.16%           | 0.116%        |
| 12        | 9.817       | 1414          | 1421        | 1425         | rVV      | 41204          | 68146         | 2.43%           | 0.130%        |
| 13        | 9.890       | 1425          | 1433        | 1437         | rVV4     | 130740         | 330155        | 11.76%          | 0.631%        |
| 14        | 9.951       | 1441          | 1443        | 1448         | rVB      | 43699          | 56140         | 2.00%           | 0.107%        |
| 15        | 10.061      | 1455          | 1461        | 1465         | rBV      | 106809         | 169035        | 6.02%           | 0.323%        |
| 16        | 10.110      | 1465          | 1469        | 1474         | rVV      | 632179         | 871545        | 31.04%          | 1.664%        |
| 17        | 10.171      | 1474          | 1479        | 1485         | rVV5     | 38394          | 98493         | 3.51%           | 0.188%        |
| 18        | 10.238      | 1485          | 1490        | 1496         | rVV3     | 86342          | 166888        | 5.94%           | 0.319%        |
| 19        | 10.335      | 1496          | 1506        | 1509         | rVV2     | 168503         | 378875        | 13.49%          | 0.724%        |
| 20        | 10.372      | 1509          | 1512        | 1516         | rVV2     | 264583         | 420422        | 14.97%          | 0.803%        |
| 21        | 10.408      | 1516          | 1518        | 1530         | rVB      | 171578         | 289270        | 10.30%          | 0.552%        |
| 22        | 10.512      | 1530          | 1535        | 1540         | rBV      | 120714         | 179191        | 6.38%           | 0.342%        |
| 23        | 10.585      | 1540          | 1547        | 1549         | rVV2     | 38781          | 56025         | 2.00%           | 0.107%        |
| 24        | 10.640      | 1549          | 1556        | 1564         | rVV3     | 472415         | 963167        | 34.31%          | 1.839%        |
| 25        | 10.725      | 1564          | 1570        | 1573         | rVV3     | 256517         | 476094        | 16.96%          | 0.909%        |
| 26        | 10.762      | 1574          | 1576        | 1580         | rVV2     | 147103         | 202820        | 7.22%           | 0.387%        |
| 27        | 10.835      | 1580          | 1588        | 1592         | rVV      | 1073333        | 1678930       | 59.80%          | 3.206%        |
| 28        | 10.908      | 1596          | 1600        | 1603         | rVV2     | 667407         | 1065298       | 37.94%          | 2.034%        |
| 29        | 10.945      | 1603          | 1606        | 1611         | rVV      | 578220         | 901875        | 32.12%          | 1.722%        |
| 30        | 11.006      | 1611          | 1616        | 1620         | rVV3     | 215018         | 462489        | 16.47%          | 0.883%        |
| 31        | 11.055      | 1620          | 1624        | 1626         | rVV2     | 280894         | 446321        | 15.90%          | 0.852%        |
| 32        | 11.079      | 1626          | 1628        | 1632         | rVV2     | 408528         | 619460        | 22.06%          | 1.183%        |
| 33        | 11.134      | 1632          | 1637        | 1642         | rVV      | 1039428        | 1464686       | 52.17%          | 2.797%        |
| 34        | 11.183      | 1642          | 1645        | 1648         | rVV      | 191967         | 262518        | 9.35%           | 0.501%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX052219\  
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 Sample : K2976-09 50X  
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(14-17)

## 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\82X042919W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 11.219 | 1648 | 1651 | 1653 | rVV  | 140897  | 215227  | 7.67%   | 0.411% |
| 36 | 11.274 | 1653 | 1660 | 1669 | rVV3 | 930122  | 1818084 | 64.75%  | 3.472% |
| 37 | 11.359 | 1670 | 1674 | 1676 | rVV  | 207628  | 339649  | 12.10%  | 0.649% |
| 38 | 11.390 | 1676 | 1679 | 1684 | rVV2 | 352184  | 758051  | 27.00%  | 1.448% |
| 39 | 11.445 | 1684 | 1688 | 1691 | rVV3 | 431339  | 800917  | 28.53%  | 1.530% |
| 40 | 11.481 | 1691 | 1694 | 1699 | rVV  | 860482  | 1489306 | 53.04%  | 2.844% |
| 41 | 11.530 | 1699 | 1702 | 1707 | rVV4 | 537977  | 1033992 | 36.83%  | 1.975% |
| 42 | 11.579 | 1707 | 1710 | 1715 | rVV5 | 248162  | 510429  | 18.18%  | 0.975% |
| 43 | 11.628 | 1715 | 1718 | 1720 | rVV  | 229360  | 346811  | 12.35%  | 0.662% |
| 44 | 11.682 | 1720 | 1727 | 1732 | rVV5 | 480901  | 1286136 | 45.81%  | 2.456% |
| 45 | 11.737 | 1732 | 1736 | 1738 | rVV2 | 398183  | 656405  | 23.38%  | 1.254% |
| 46 | 11.768 | 1738 | 1741 | 1744 | rVV  | 1400932 | 1790061 | 63.76%  | 3.419% |
| 47 | 11.804 | 1744 | 1747 | 1757 | rVV  | 1619260 | 2807644 | 100.00% | 5.362% |
| 48 | 11.890 | 1757 | 1761 | 1763 | rVV  | 304088  | 495826  | 17.66%  | 0.947% |
| 49 | 11.945 | 1766 | 1770 | 1774 | rVV  | 826621  | 1509295 | 53.76%  | 2.882% |
| 50 | 11.999 | 1774 | 1779 | 1781 | rVV  | 891302  | 1379304 | 49.13%  | 2.634% |
| 51 | 12.024 | 1781 | 1783 | 1787 | rVV3 | 511167  | 795117  | 28.32%  | 1.519% |
| 52 | 12.079 | 1787 | 1792 | 1797 | rVV3 | 893624  | 1785357 | 63.59%  | 3.410% |
| 53 | 12.128 | 1797 | 1800 | 1804 | rVV3 | 284978  | 552334  | 19.67%  | 1.055% |
| 54 | 12.164 | 1804 | 1806 | 1808 | rVV2 | 191880  | 262372  | 9.34%   | 0.501% |
| 55 | 12.213 | 1811 | 1814 | 1823 | rVV5 | 276593  | 794887  | 28.31%  | 1.518% |
| 56 | 12.298 | 1823 | 1828 | 1830 | rVV  | 532523  | 820178  | 29.21%  | 1.566% |
| 57 | 12.323 | 1830 | 1832 | 1835 | rVV  | 512753  | 618746  | 22.04%  | 1.182% |
| 58 | 12.365 | 1835 | 1839 | 1846 | rVV2 | 1099492 | 2137349 | 76.13%  | 4.082% |
| 59 | 12.463 | 1850 | 1855 | 1862 | rVV3 | 361847  | 1141374 | 40.65%  | 2.180% |
| 60 | 12.524 | 1862 | 1865 | 1870 | rVV4 | 340948  | 664551  | 23.67%  | 1.269% |
| 61 | 12.585 | 1870 | 1875 | 1877 | rVV  | 616657  | 980475  | 34.92%  | 1.872% |
| 62 | 12.609 | 1877 | 1879 | 1885 | rVV  | 827589  | 1341850 | 47.79%  | 2.563% |
| 63 | 12.664 | 1885 | 1888 | 1892 | rVV  | 765581  | 1113411 | 39.66%  | 2.126% |
| 64 | 12.737 | 1896 | 1900 | 1901 | rVV4 | 214166  | 301521  | 10.74%  | 0.576% |
| 65 | 12.774 | 1901 | 1906 | 1911 | rVV4 | 507278  | 1171662 | 41.73%  | 2.238% |
| 66 | 12.816 | 1911 | 1913 | 1914 | rVV2 | 143242  | 149809  | 5.34%   | 0.286% |
| 67 | 12.847 | 1915 | 1918 | 1920 | rVV2 | 291156  | 426670  | 15.20%  | 0.815% |
| 68 | 12.871 | 1920 | 1922 | 1924 | rVV  | 259406  | 344496  | 12.27%  | 0.658% |
| 69 | 12.896 | 1924 | 1926 | 1930 | rVV2 | 254524  | 364919  | 13.00%  | 0.697% |
| 70 | 12.944 | 1930 | 1934 | 1936 | rVV3 | 265656  | 435642  | 15.52%  | 0.832% |
| 71 | 12.975 | 1936 | 1939 | 1942 | rVV  | 362686  | 502220  | 17.89%  | 0.959% |

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 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(14-17)

## 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\82X042919W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 13.018 | 1942 | 1946 | 1953 | rVV  | 550475 | 910177 | 32.42% | 1.738% |
| 73 | 13.079 | 1953 | 1956 | 1962 | rVV2 | 198543 | 380651 | 13.56% | 0.727% |
| 74 | 13.146 | 1965 | 1967 | 1972 | rVV2 | 109641 | 180465 | 6.43%  | 0.345% |
| 75 | 13.207 | 1972 | 1977 | 1982 | rVV4 | 144766 | 349836 | 12.46% | 0.668% |
| 76 | 13.261 | 1982 | 1986 | 1989 | rVV3 | 84696  | 120274 | 4.28%  | 0.230% |
| 77 | 13.304 | 1989 | 1993 | 1996 | rVV2 | 145906 | 195337 | 6.96%  | 0.373% |
| 78 | 13.347 | 1996 | 2000 | 2006 | rVB3 | 282695 | 436282 | 15.54% | 0.833% |
| 79 | 13.420 | 2006 | 2012 | 2017 | rBV3 | 65512  | 117951 | 4.20%  | 0.225% |
| 80 | 13.481 | 2018 | 2022 | 2030 | rVB5 | 85061  | 174804 | 6.23%  | 0.334% |
| 81 | 13.560 | 2030 | 2035 | 2038 | rBV3 | 43825  | 65369  | 2.33%  | 0.125% |
| 82 | 13.639 | 2043 | 2048 | 2052 | rBV3 | 75490  | 133284 | 4.75%  | 0.255% |
| 83 | 13.719 | 2059 | 2061 | 2066 | rVB2 | 50228  | 69272  | 2.47%  | 0.132% |
| 84 | 13.908 | 2087 | 2092 | 2097 | rVB3 | 18533  | 33860  | 1.21%  | 0.065% |
| 85 | 13.981 | 2097 | 2104 | 2108 | rBV4 | 18160  | 37382  | 1.33%  | 0.071% |

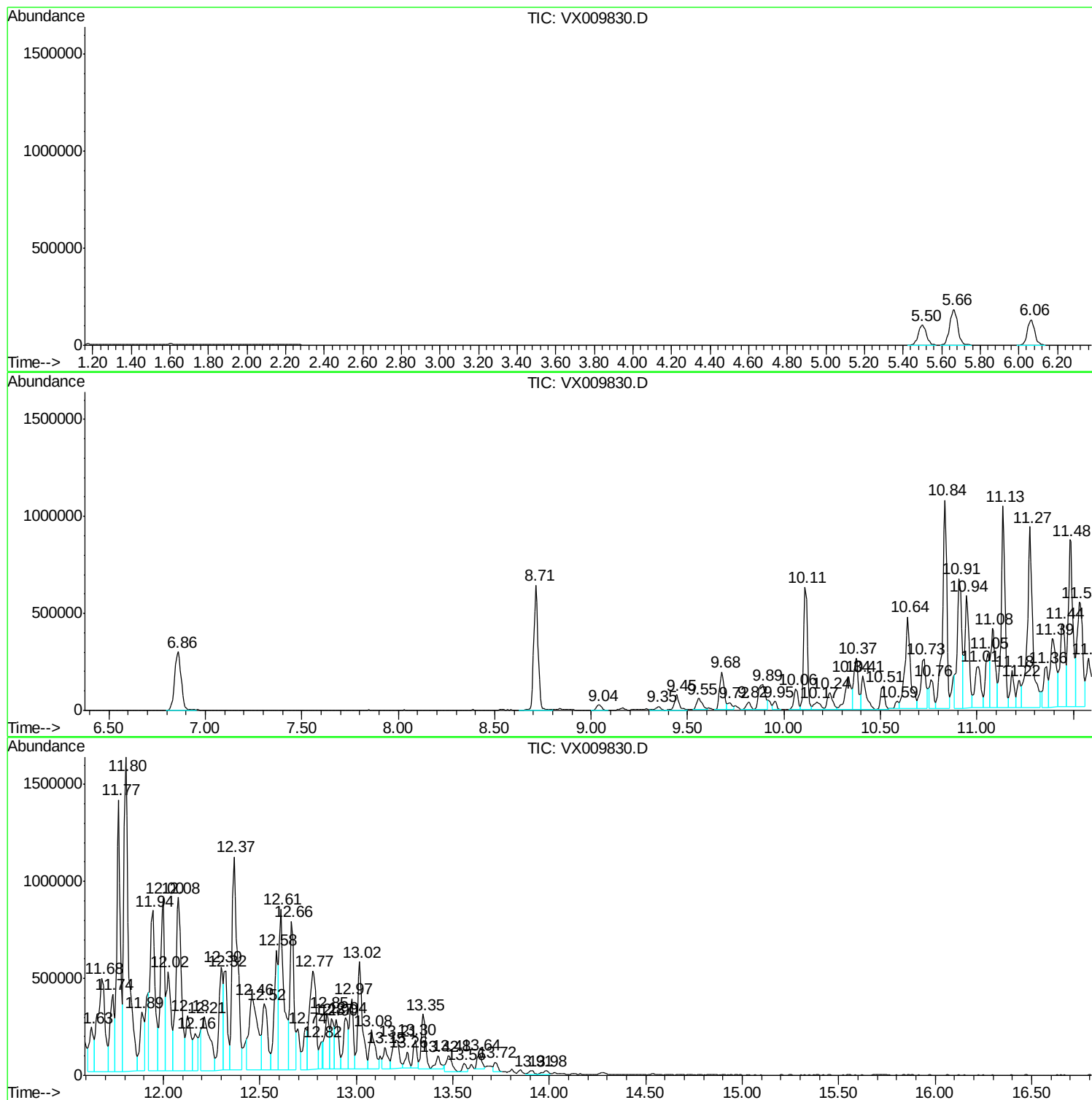
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
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ALS Vial : 42 Sample Multiplier: 1

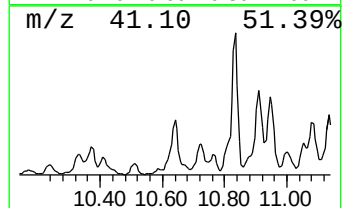
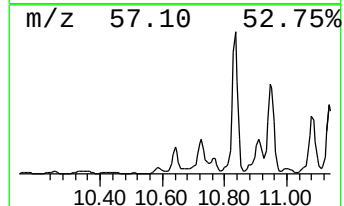
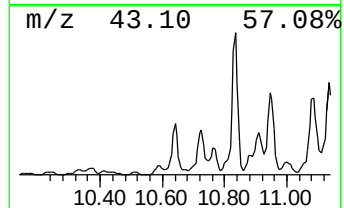
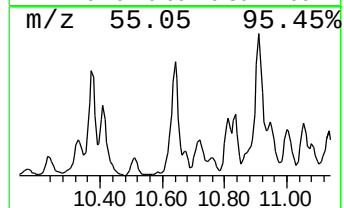
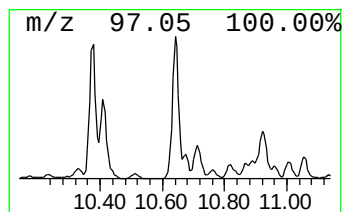
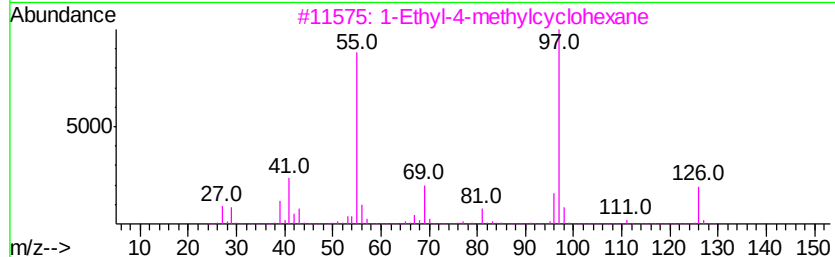
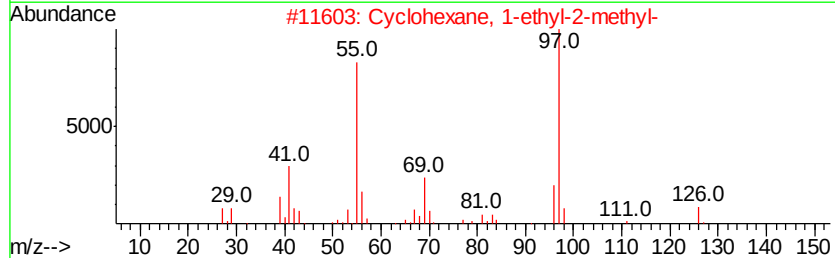
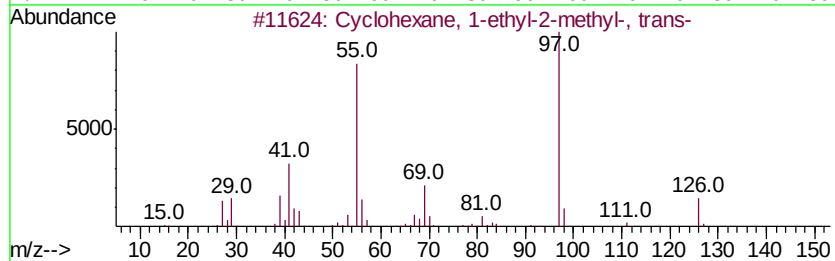
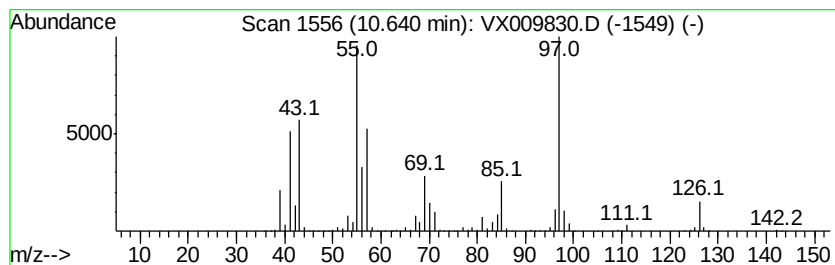
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 10.64     | 55.26 ug/l                          | 963167 | Chlorobenzene-d5 | 10.11       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Cyclohexane, 1-ethyl-2-methyl-, ... | 126    | C9H18            | 004923-78-8 | 70   |
| 2         | Cyclohexane, 1-ethyl-2-methyl-      | 126    | C9H18            | 003728-54-9 | 70   |
| 3         | 1-Ethyl-4-methylcyclohexane         | 126    | C9H18            | 003728-56-1 | 70   |
| 4         | Cyclohexane, 1-ethyl-4-methyl-, ... | 126    | C9H18            | 004926-78-7 | 58   |
| 5         | Cyclohexane, 1-methyl-2-propyl-     | 140    | C10H20           | 004291-79-6 | 53   |



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ALS Vial : 42 Sample Multiplier: 1

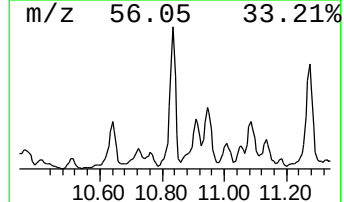
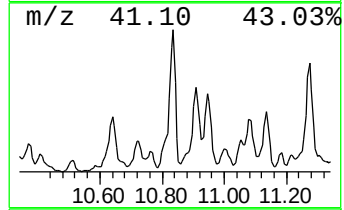
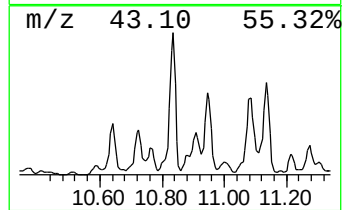
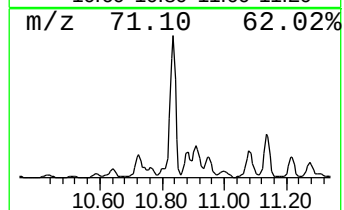
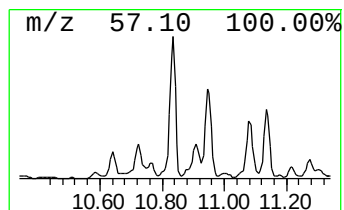
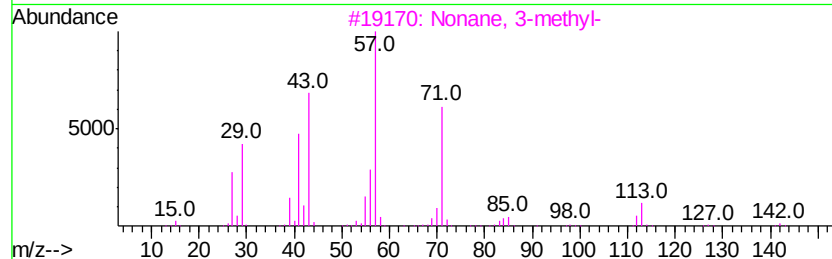
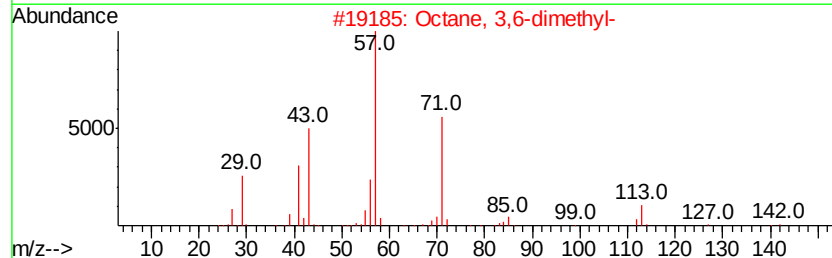
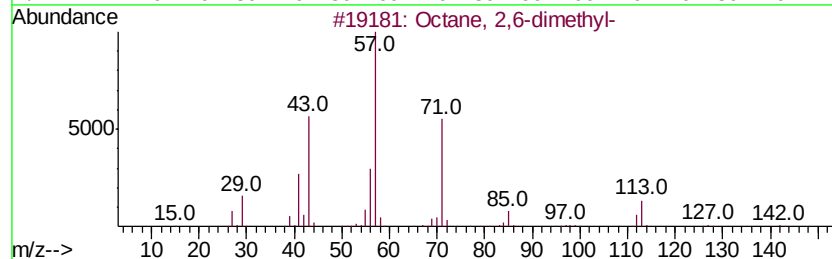
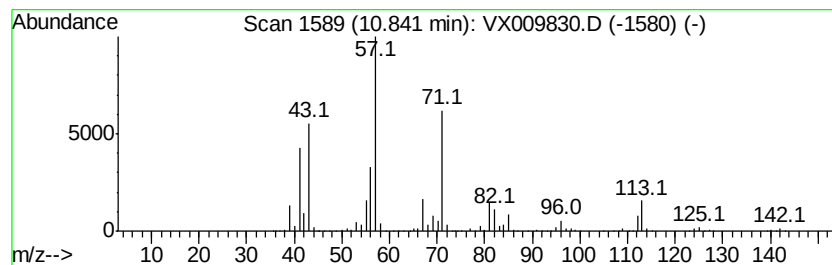
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 1

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.      |              |      |
|---------|------------|-------------------------------------|------------------|-----------|--------------|------|
| 10.84   | 96.32 ug/l | 1678930                             | Chlorobenzene-d5 | 10.11     |              |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm   | CAS#         | Qual |
| 1       |            | Octane, 2,6-dimethyl-               | 142              | C10H22    | 002051-30-1  | 94   |
| 2       |            | Octane, 3,6-dimethyl-               | 142              | C10H22    | 015869-94-0  | 76   |
| 3       |            | Nonane, 3-methyl-                   | 142              | C10H22    | 005911-04-6  | 76   |
| 4       |            | Sulfurous acid, di(2-ethylhexyl)... | 306              | C16H34O3S | 1000309-19-1 | 50   |
| 5       |            | Nonane, 3,7-dimethyl-               | 156              | C11H24    | 017302-32-8  | 47   |



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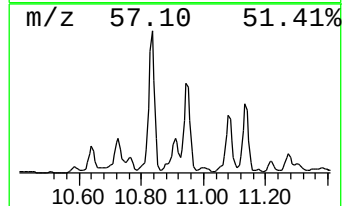
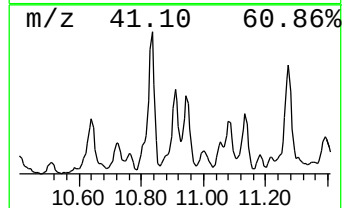
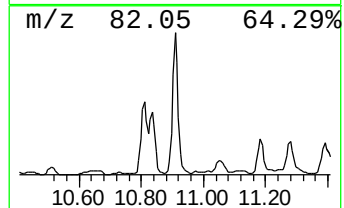
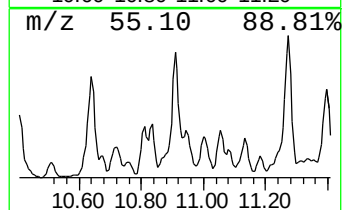
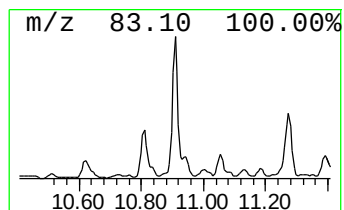
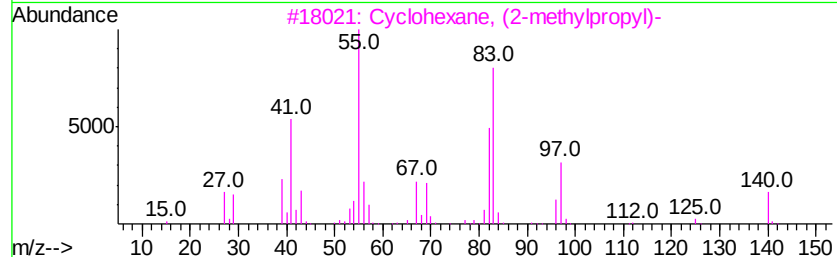
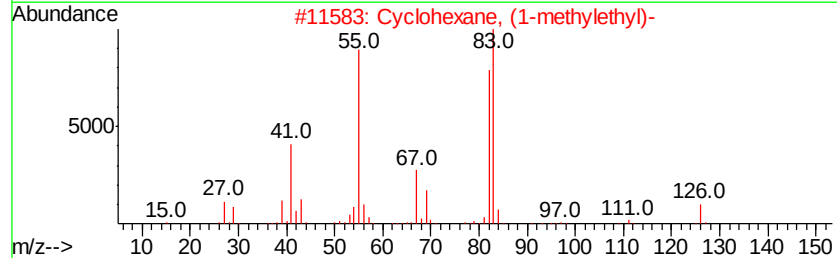
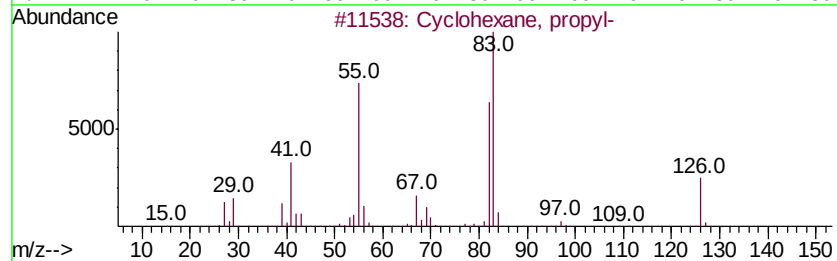
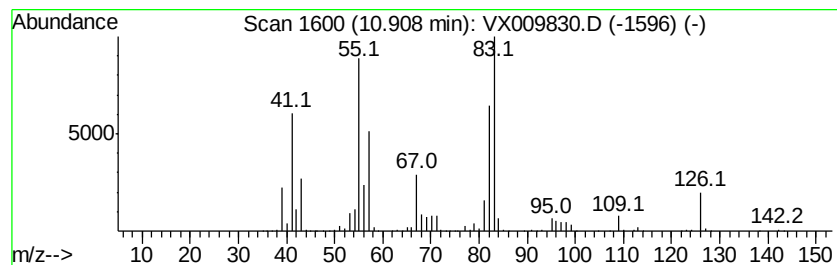
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MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Cyclohexane, propyl- Concentration Rank 2

| R.T.    | EstConc    | Area                           | Relative to ISTD | R.T.    |             |      |
|---------|------------|--------------------------------|------------------|---------|-------------|------|
| 10.91   | 61.12 ug/l | 1065300                        | Chlorobenzene-d5 | 10.11   |             |      |
| Hit# of | 5          | Tentative ID                   | MW               | MolForm | CAS#        | Qual |
| 1       |            | Cyclohexane, propyl-           | 126              | C9H18   | 001678-92-8 | 87   |
| 2       |            | Cyclohexane, (1-methylethyl)-  | 126              | C9H18   | 000696-29-7 | 83   |
| 3       |            | Cyclohexane, (2-methylpropyl)- | 140              | C10H20  | 001678-98-4 | 72   |
| 4       |            | Ethanone, 1-cyclohexyl-        | 126              | C8H14O  | 000823-76-7 | 53   |
| 5       |            | Cyclohexane, butyl-            | 140              | C10H20  | 001678-93-9 | 53   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

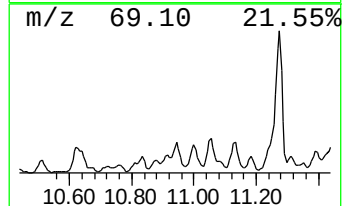
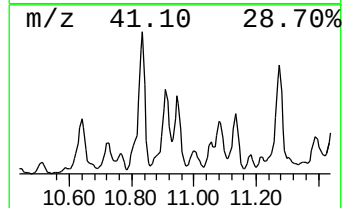
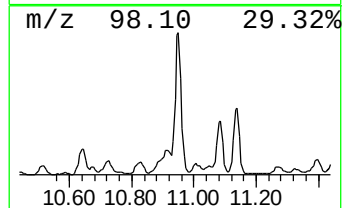
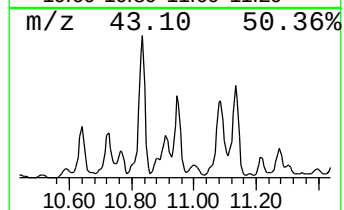
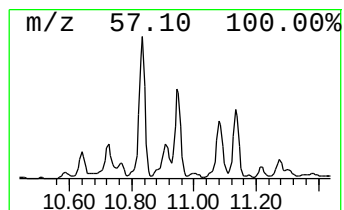
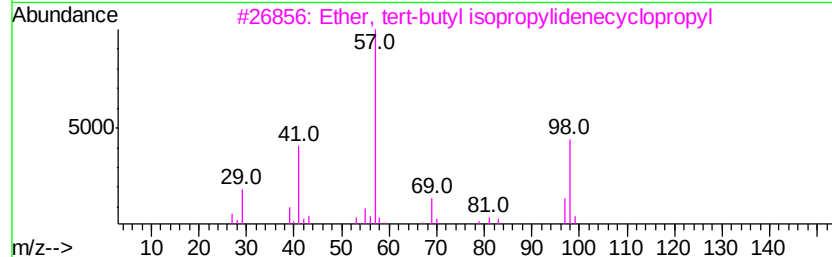
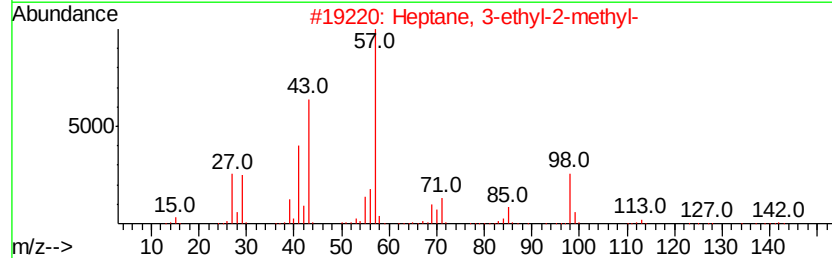
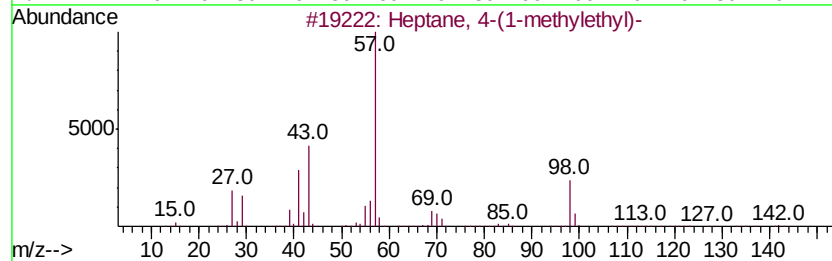
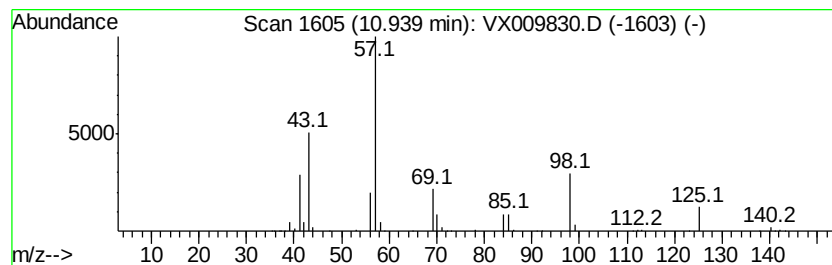
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Heptane, 4-(1-methylethyl)- Concentration Rank 4

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.    |             |      |
|---------|------------|-------------------------------------|------------------|---------|-------------|------|
| 10.94   | 51.74 ug/l | 901875                              | Chlorobenzene-d5 | 10.11   |             |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm | CAS#        | Qual |
| 1       |            | Heptane, 4-(1-methylethyl)-         | 142              | C10H22  | 052896-87-4 | 72   |
| 2       |            | Heptane, 3-ethyl-2-methyl-          | 142              | C10H22  | 014676-29-0 | 72   |
| 3       |            | Ether, tert-butyl isopropylidene... | 154              | C10H18O | 024524-56-9 | 53   |
| 4       |            | Aziridine, 1-acetyl-2-methyl-       | 99               | C5H9NO  | 013416-47-2 | 43   |
| 5       |            | Undecane, 2,6-dimethyl-             | 184              | C13H28  | 017301-23-4 | 40   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX052219\  
 Data File : VX009830.D  
 Acq On : 23 May 2019 02:28  
 Operator : JC/SP  
 Sample : K2976-09 50X  
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260

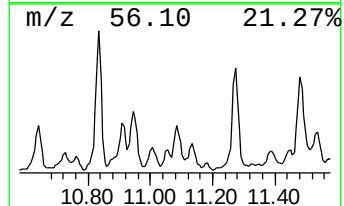
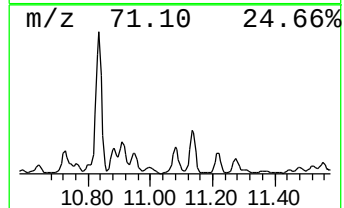
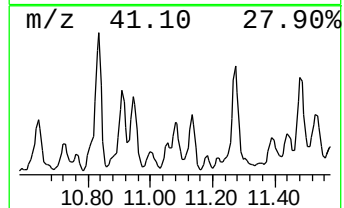
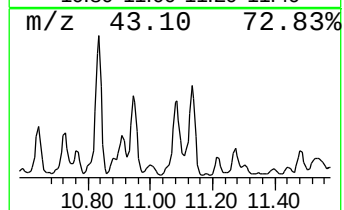
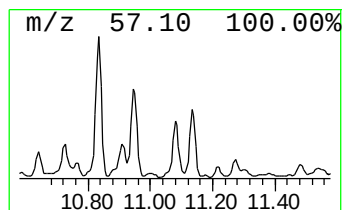
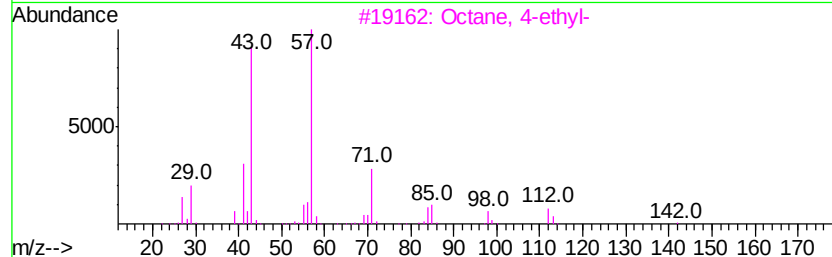
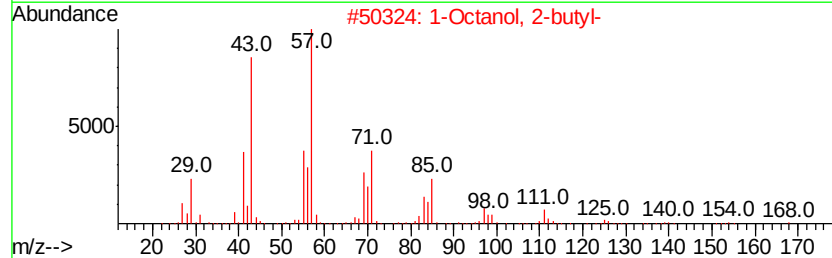
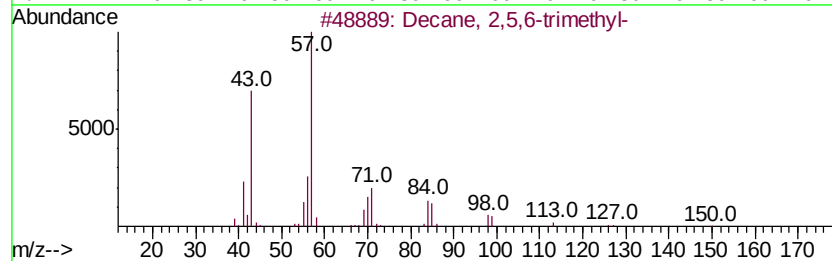
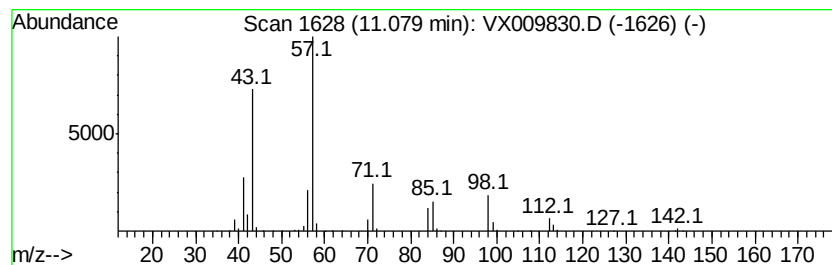
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 5 Decane, 2,5,6-trimethyl- Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.08 | 35.54 ug/l | 619460 | Chlorobenzene-d5 | 10.11 |

| Hit# of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------|-----|---------|-------------|------|
| 1       |   | Decane, 2,5,6-trimethyl-  | 184 | C13H28  | 062108-23-0 | 59   |
| 2       |   | 1-Octanol, 2-butyl-       | 186 | C12H26O | 003913-02-8 | 59   |
| 3       |   | Octane, 4-ethyl-          | 142 | C10H22  | 015869-86-0 | 53   |
| 4       |   | Hexanal, 3,5,5-trimethyl- | 142 | C9H18O  | 005435-64-3 | 50   |
| 5       |   | Tridecane, 6-methyl-      | 198 | C14H30  | 013287-21-3 | 50   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

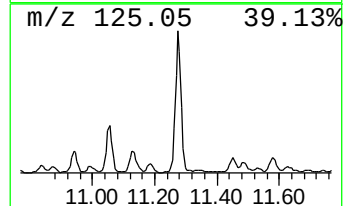
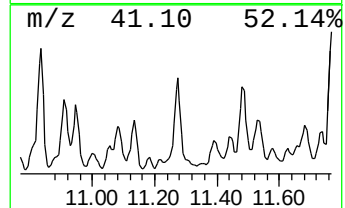
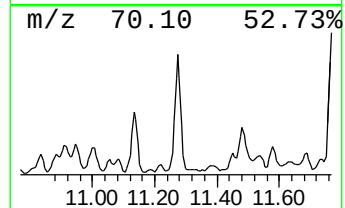
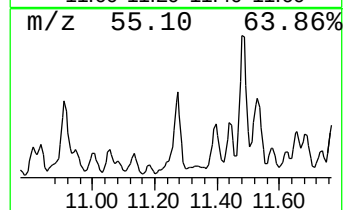
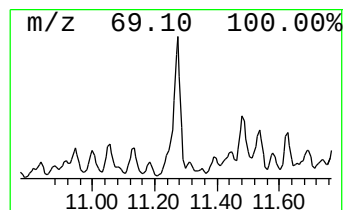
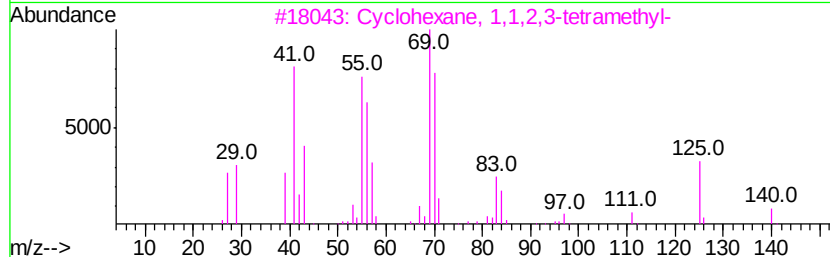
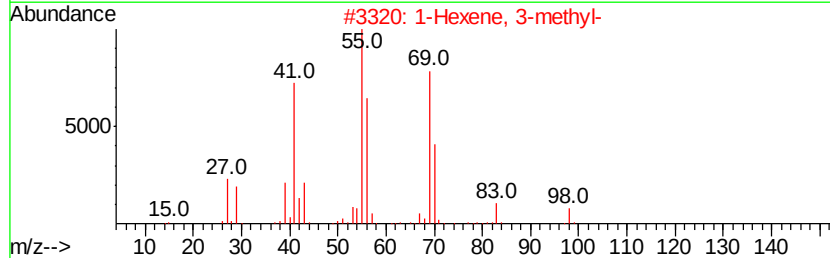
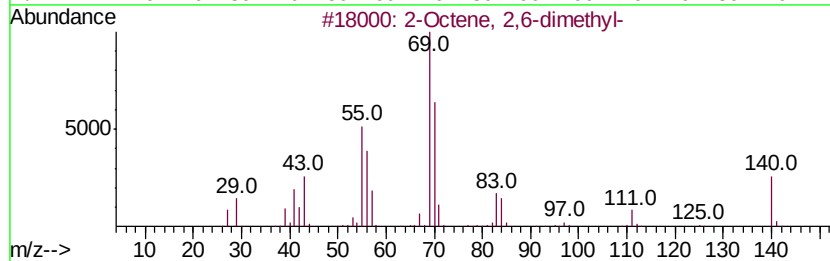
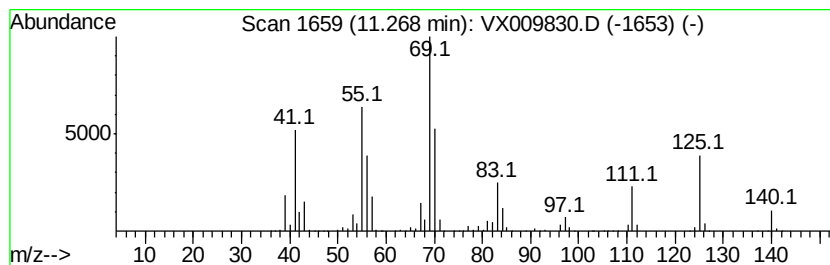
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

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Peak Number 6 2-Octene, 2,6-dimethyl- Concentration Rank 5

| R.T.      | EstConc                           | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-----------------------------------|---------|------------------------|-------------|------|
| 11.27     | 50.92 ug/l                        | 1818080 | 1,4-Dichlorobenzene-d4 | 12.08       |      |
| Hit# of 5 | Tentative ID                      | MW      | MolForm                | CAS#        | Qual |
| 1         | 2-Octene, 2,6-dimethyl-           | 140     | C10H20                 | 004057-42-5 | 70   |
| 2         | 1-Hexene, 3-methyl-               | 98      | C7H14                  | 003404-61-3 | 50   |
| 3         | Cyclohexane, 1,1,2,3-tetramethyl- | 140     | C10H20                 | 006783-92-2 | 49   |
| 4         | 2-Octene, 4-ethyl-                | 140     | C10H20                 | 053966-52-2 | 47   |
| 5         | 4-Octene, 2,6-dimethyl-, [S-(E)]- | 140     | C10H20                 | 062960-76-3 | 47   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

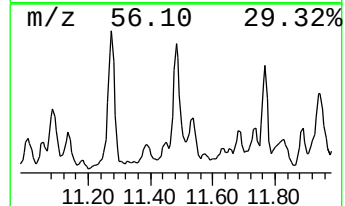
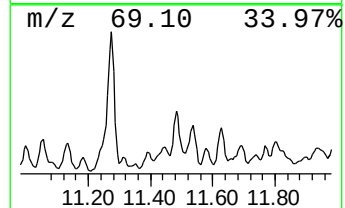
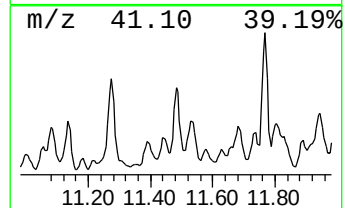
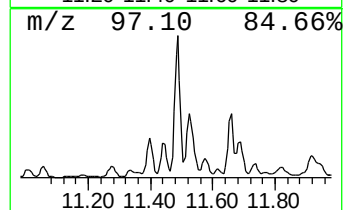
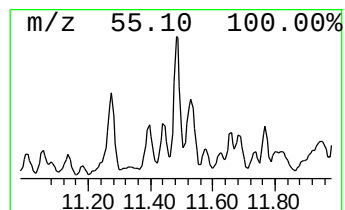
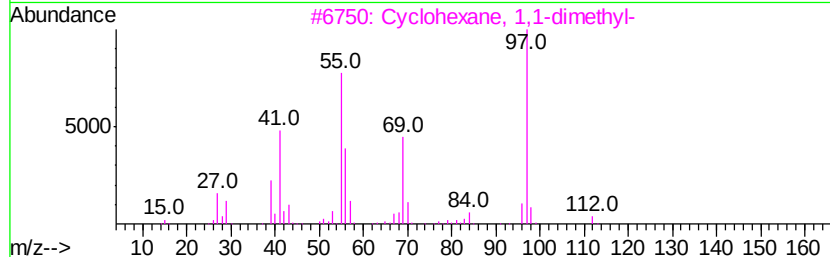
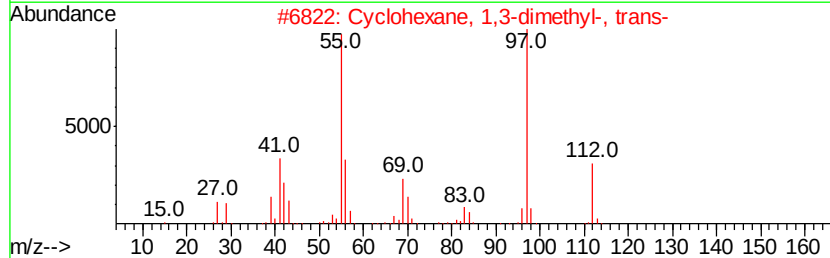
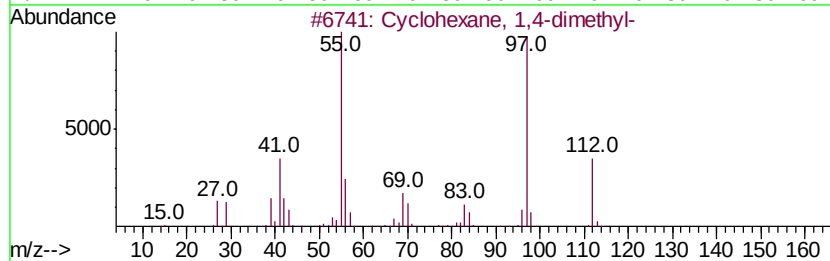
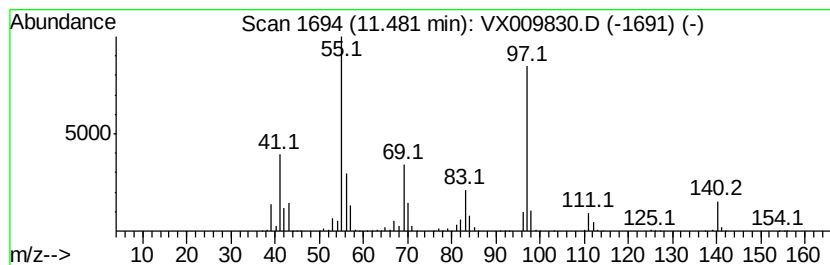
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Cyclohexane, 1,4-dimethyl- Concentration Rank 6

| R.T.    | EstConc    | Area                               | Relative to ISTD       | R.T.           |
|---------|------------|------------------------------------|------------------------|----------------|
| 11.48   | 41.71 ug/l | 1489310                            | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5          | Tentative ID                       | MW MolForm             | CAS# Qual      |
| 1       |            | Cyclohexane, 1,4-dimethyl-         | 112 C8H16              | 000589-90-2 87 |
| 2       |            | Cyclohexane, 1,3-dimethyl-, trans- | 112 C8H16              | 002207-03-6 81 |
| 3       |            | Cyclohexane, 1,1-dimethyl-         | 112 C8H16              | 000590-66-9 70 |
| 4       |            | Cyclohexane, 1,3-dimethyl-, cis-   | 112 C8H16              | 000638-04-0 68 |
| 5       |            | 3-Hexene, 3-ethyl-2,5-dimethyl-    | 140 C10H20             | 062338-08-3 64 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

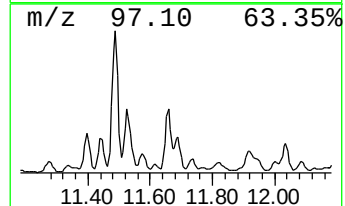
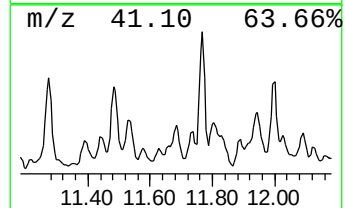
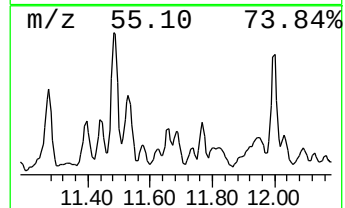
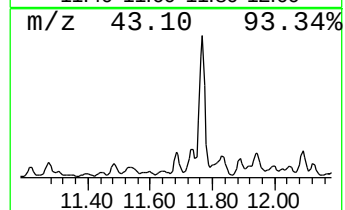
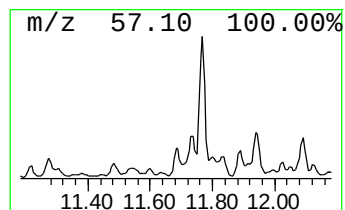
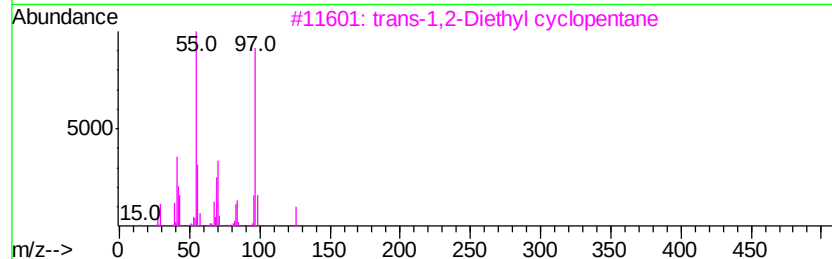
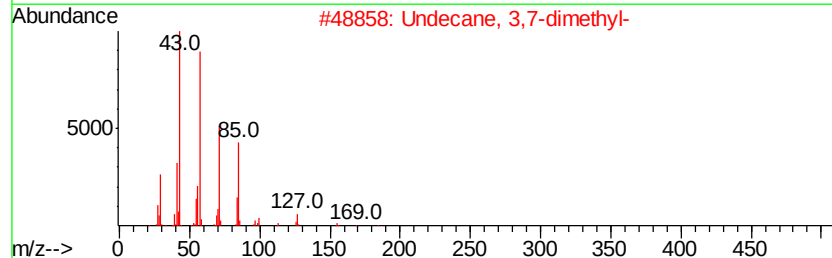
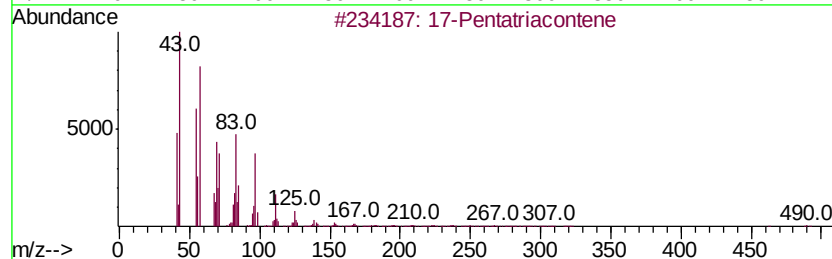
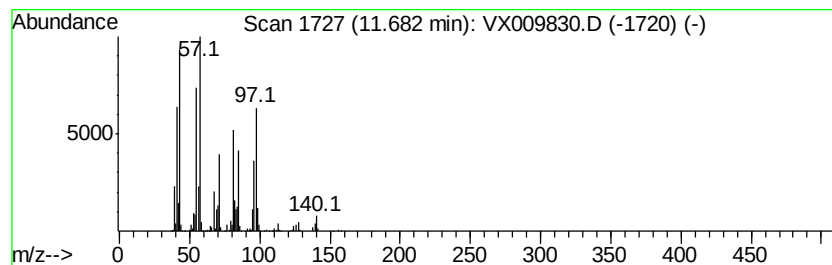
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 17-Pentatriacontene Concentration Rank 9

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 11.68 | 36.02 ug/l | 1286140 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5                              | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|--------------------------------|--------------|-----|---------|-------------|------|
| 1       | 17-Pentatriacontene            |              | 491 | C35H70  | 006971-40-0 | 53   |
| 2       | Undecane, 3,7-dimethyl-        |              | 184 | C13H28  | 017301-29-0 | 46   |
| 3       | trans-1,2-Diethyl cyclopentane |              | 126 | C9H18   | 000932-40-1 | 38   |
| 4       | 1-Iodoundecane                 |              | 282 | C11H23I | 004282-44-4 | 35   |
| 5       | Ether, 6-methylheptyl vinyl    |              | 156 | C10H20O | 010573-35-0 | 30   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

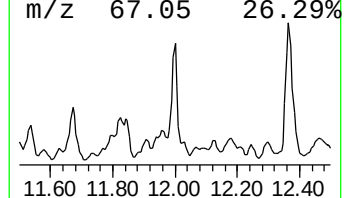
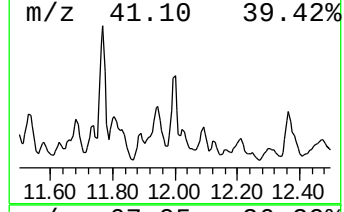
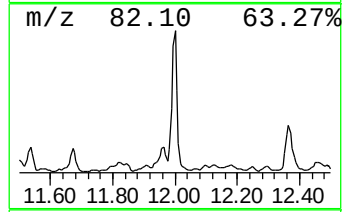
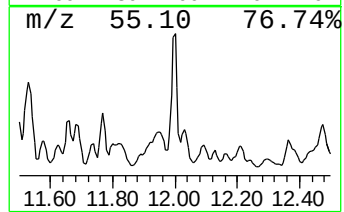
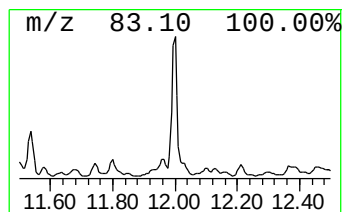
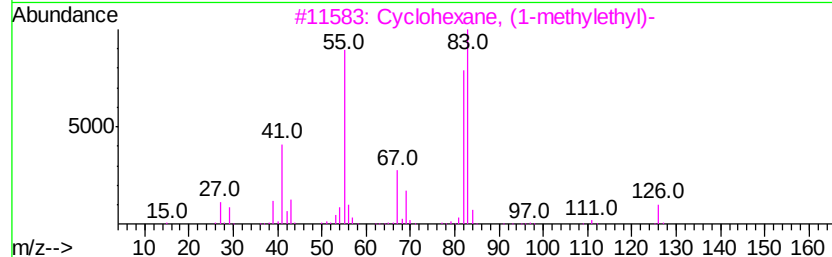
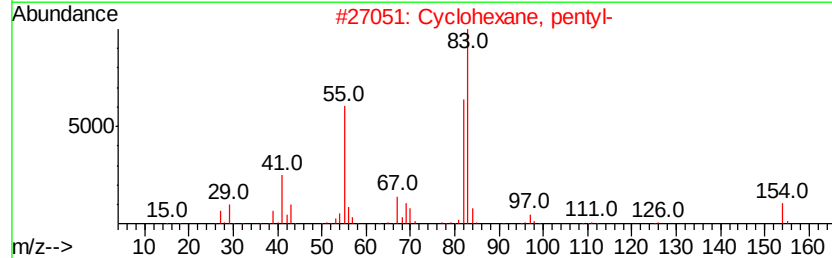
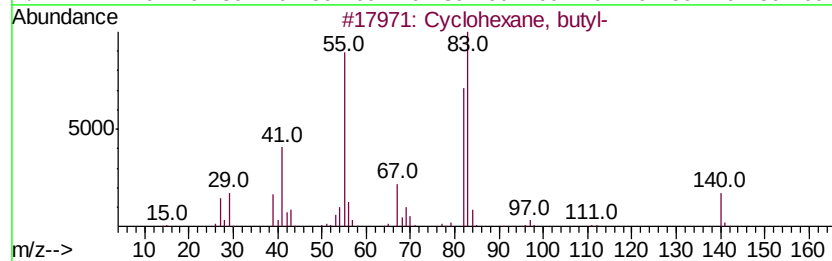
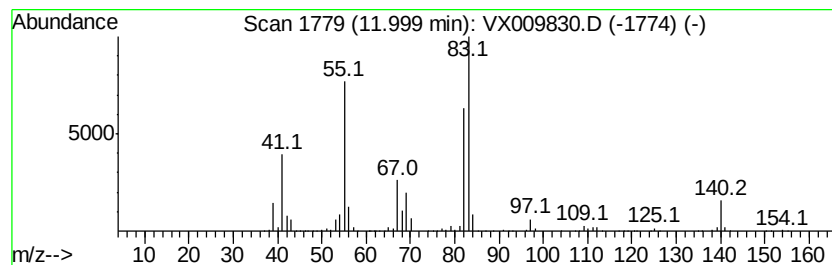
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

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Peak Number 9 Cyclohexane, butyl- Concentration Rank 7

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 12.00   | 38.63 ug/l | 1379300                             | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Cyclohexane, butyl-                 | 140 C10H20             | 001678-93-9 94 |
| 2       |            | Cyclohexane, pentyl-                | 154 C11H22             | 004292-92-6 81 |
| 3       |            | Cyclohexane, (1-methylethyl)-       | 126 C9H18              | 000696-29-7 80 |
| 4       |            | Cyclohexane, 1,1'-(1,4-butanediyl)- | 222 C16H30             | 006165-44-2 78 |
| 5       |            | Cyclohexane, octyl-                 | 196 C14H28             | 001795-15-9 64 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

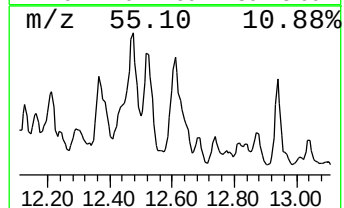
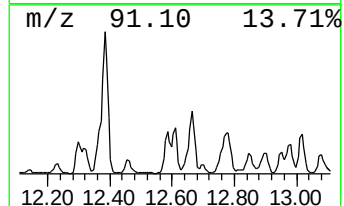
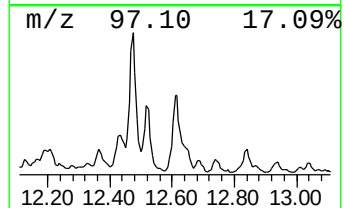
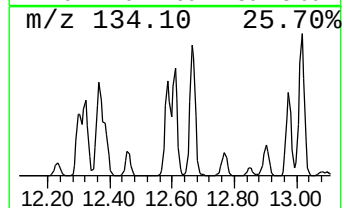
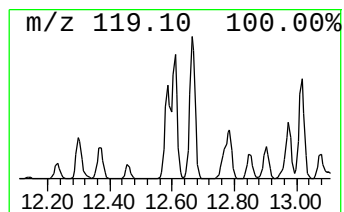
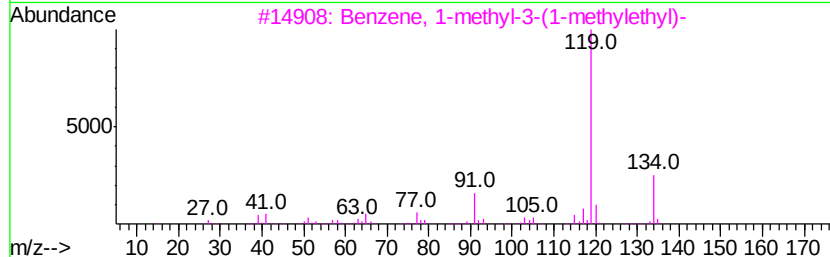
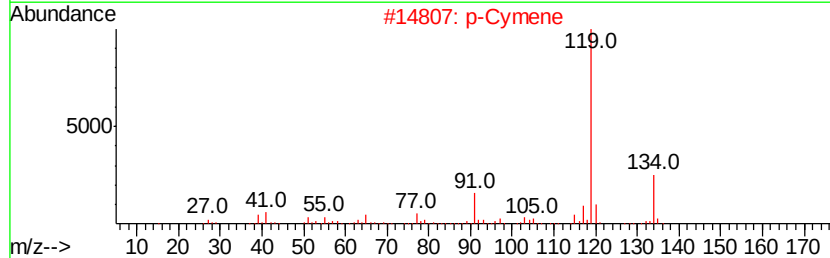
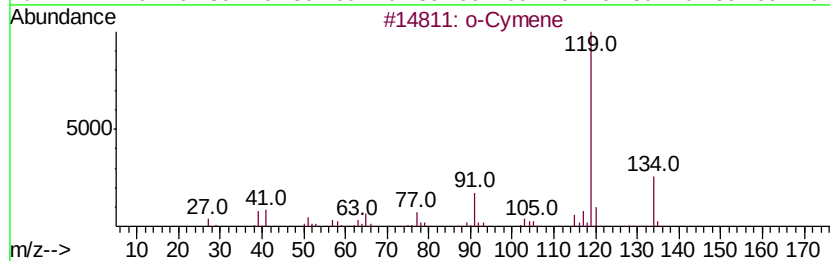
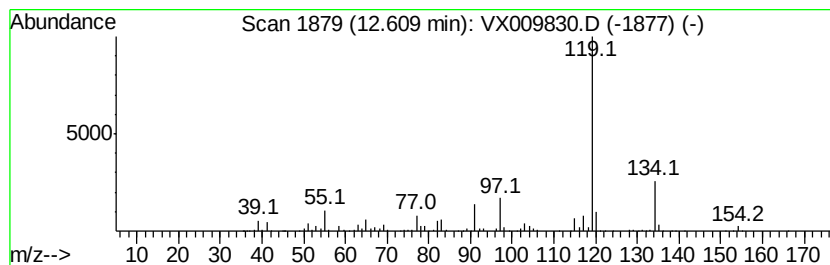
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260

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

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Peak Number 10 o-Cymene Concentration Rank 8

| R.T.      | EstConc                              | Area    | Relative to ISTD       | R.T.        |      |
|-----------|--------------------------------------|---------|------------------------|-------------|------|
| 12.61     | 37.58 ug/l                           | 1341850 | 1,4-Dichlorobenzene-d4 | 12.08       |      |
| Hit# of 5 | Tentative ID                         | MW      | MolForm                | CAS#        | Qual |
| 1         | o-Cymene                             | 134     | C10H14                 | 000527-84-4 | 95   |
| 2         | p-Cymene                             | 134     | C10H14                 | 000099-87-6 | 93   |
| 3         | Benzene, 1-methyl-3-(1-methylethyl)- | 134     | C10H14                 | 000535-77-3 | 93   |
| 4         | Benzene, 1,2,3,5-tetramethyl-        | 134     | C10H14                 | 000527-53-7 | 90   |
| 5         | Benzene, 2-ethyl-1,4-dimethyl-       | 134     | C10H14                 | 001758-88-9 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX052219\  
Data File : VX009830.D  
Acq On : 23 May 2019 02:28  
Operator : JC/SP  
Sample : K2976-09 50X  
Misc : 6.03g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(14-17)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.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 |
| Cyclohexane, 1-et... | 10.64 | 55.3    | ug/l  | 963167   | 3                     | 10.11 | 871545  | 50.0 |
| Octane, 2,6-dimet... | 10.84 | 96.3    | ug/l  | 1678930  | 3                     | 10.11 | 871545  | 50.0 |
| Cyclohexane, propyl- | 10.91 | 61.1    | ug/l  | 1065300  | 3                     | 10.11 | 871545  | 50.0 |
| Heptane, 4-(1-met... | 10.94 | 51.7    | ug/l  | 901875   | 3                     | 10.11 | 871545  | 50.0 |
| Decane, 2,5,6-tri... | 11.08 | 35.5    | ug/l  | 619460   | 3                     | 10.11 | 871545  | 50.0 |
| 2-Octene, 2,6-dim... | 11.27 | 50.9    | ug/l  | 1818080  | 4                     | 12.08 | 1785360 | 50.0 |
| Cyclohexane, 1,4-... | 11.48 | 41.7    | ug/l  | 1489310  | 4                     | 12.08 | 1785360 | 50.0 |
| 17-Pentatriacontene  | 11.68 | 36.0    | ug/l  | 1286140  | 4                     | 12.08 | 1785360 | 50.0 |
| Cyclohexane, butyl-  | 12.00 | 38.6    | ug/l  | 1379300  | 4                     | 12.08 | 1785360 | 50.0 |
| o-Cymene             | 12.61 | 37.6    | ug/l  | 1341850  | 4                     | 12.08 | 1785360 | 50.0 |