

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\  
 Data File : VX016089.D  
 Acq On : 07 May 2020 13:25  
 Operator : JC/SP  
 Sample : L2543-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS038RW016-200503

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\82X050420W.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         | 1.392       | 47            | 50          | 55           | rVB      | 26542          | 25797         | 1.48%           | 0.197%        |
| 2         | 1.776       | 109           | 113         | 119          | rVB      | 17960          | 24368         | 1.39%           | 0.186%        |
| 3         | 2.825       | 278           | 285         | 294          | rVB      | 43024          | 94055         | 5.38%           | 0.720%        |
| 4         | 4.288       | 514           | 525         | 534          | rBV3     | 9572           | 29651         | 1.70%           | 0.227%        |
| 5         | 4.568       | 560           | 571         | 581          | rVB2     | 31150          | 87259         | 4.99%           | 0.668%        |
| 6         | 5.471       | 707           | 719         | 730          | rBV      | 162133         | 469162        | 26.83%          | 3.591%        |
| 7         | 5.635       | 734           | 746         | 765          | rVB2     | 299224         | 875899        | 50.10%          | 6.703%        |
| 8         | 5.928       | 784           | 794         | 801          | rBV3     | 7548           | 22842         | 1.31%           | 0.175%        |
| 9         | 6.038       | 802           | 812         | 830          | rVV      | 183751         | 491948        | 28.14%          | 3.765%        |
| 10        | 6.324       | 850           | 859         | 868          | rVB      | 40869          | 118753        | 6.79%           | 0.909%        |
| 11        | 6.830       | 932           | 942         | 955          | rBV      | 462968         | 1107123       | 63.32%          | 8.473%        |
| 12        | 7.428       | 1031          | 1040        | 1052         | rVB4     | 8804           | 24083         | 1.38%           | 0.184%        |
| 13        | 7.659       | 1071          | 1078        | 1087         | rVB3     | 8530           | 20457         | 1.17%           | 0.157%        |
| 14        | 8.037       | 1130          | 1140        | 1148         | rBV      | 43036          | 88101         | 5.04%           | 0.674%        |
| 15        | 8.159       | 1150          | 1160        | 1171         | rBV      | 114005         | 222618        | 12.73%          | 1.704%        |
| 16        | 8.696       | 1236          | 1248        | 1257         | rBV      | 1013051        | 1565712       | 89.55%          | 11.982%       |
| 17        | 8.824       | 1263          | 1269        | 1275         | rVB      | 15282          | 25071         | 1.43%           | 0.192%        |
| 18        | 9.025       | 1297          | 1302        | 1309         | rVB2     | 10019          | 17990         | 1.03%           | 0.138%        |
| 19        | 10.098      | 1472          | 1478        | 1487         | rBV2     | 1036707        | 1748347       | 100.00%         | 13.380%       |
| 20        | 10.171      | 1487          | 1490        | 1496         | rVB      | 14294          | 19946         | 1.14%           | 0.153%        |
| 21        | 10.323      | 1510          | 1515        | 1524         | rVB4     | 19827          | 39266         | 2.25%           | 0.301%        |
| 22        | 10.500      | 1539          | 1544        | 1550         | rBV      | 12238          | 19141         | 1.09%           | 0.146%        |
| 23        | 10.646      | 1552          | 1568        | 1573         | rBV3     | 31972          | 76367         | 4.37%           | 0.584%        |
| 24        | 10.793      | 1584          | 1592        | 1593         | rBV4     | 12042          | 24773         | 1.42%           | 0.190%        |
| 25        | 10.823      | 1593          | 1597        | 1602         | rVV      | 25816          | 36132         | 2.07%           | 0.277%        |
| 26        | 10.896      | 1605          | 1609        | 1616         | rBV5     | 15407          | 34972         | 2.00%           | 0.268%        |
| 27        | 11.049      | 1628          | 1634        | 1641         | rVV5     | 23176          | 46118         | 2.64%           | 0.353%        |
| 28        | 11.122      | 1641          | 1646        | 1651         | rVV      | 907582         | 1114411       | 63.74%          | 8.529%        |
| 29        | 11.171      | 1651          | 1654        | 1657         | rVV      | 43709          | 57012         | 3.26%           | 0.436%        |
| 30        | 11.226      | 1661          | 1663        | 1666         | rVV2     | 15499          | 20706         | 1.18%           | 0.158%        |
| 31        | 11.262      | 1666          | 1669        | 1674         | rVB      | 25824          | 34534         | 1.98%           | 0.264%        |
| 32        | 11.427      | 1692          | 1696        | 1702         | rVB3     | 18443          | 28037         | 1.60%           | 0.215%        |
| 33        | 11.567      | 1714          | 1719        | 1725         | rVB5     | 11888          | 21402         | 1.22%           | 0.164%        |
| 34        | 11.659      | 1726          | 1734        | 1740         | rBV2     | 34313          | 57081         | 3.26%           | 0.437%        |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS038RW016-200503

## 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\82X050420W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 11.756 | 1740 | 1750 | 1753 | rBV2 | 53255   | 88075   | 5.04%  | 0.674%  |
| 36 | 11.902 | 1767 | 1774 | 1777 | rBV2 | 108714  | 175052  | 10.01% | 1.340%  |
| 37 | 11.933 | 1777 | 1779 | 1786 | rVB  | 70588   | 76540   | 4.38%  | 0.586%  |
| 38 | 12.061 | 1795 | 1800 | 1806 | rBV  | 1166190 | 1455287 | 83.24% | 11.137% |
| 39 | 12.158 | 1811 | 1816 | 1821 | rVV2 | 13608   | 23411   | 1.34%  | 0.179%  |
| 40 | 12.219 | 1821 | 1826 | 1832 | rVB  | 205489  | 257110  | 14.71% | 1.968%  |
| 41 | 12.286 | 1832 | 1837 | 1842 | rBV  | 77602   | 96847   | 5.54%  | 0.741%  |
| 42 | 12.354 | 1843 | 1848 | 1857 | rVB3 | 41795   | 83841   | 4.80%  | 0.642%  |
| 43 | 12.457 | 1859 | 1865 | 1871 | rBV4 | 9723    | 18282   | 1.05%  | 0.140%  |
| 44 | 12.652 | 1887 | 1897 | 1900 | rVV  | 191132  | 252620  | 14.45% | 1.933%  |
| 45 | 12.701 | 1900 | 1905 | 1908 | rVV3 | 99323   | 179962  | 10.29% | 1.377%  |
| 46 | 12.744 | 1908 | 1912 | 1918 | rVV2 | 172191  | 297760  | 17.03% | 2.279%  |
| 47 | 12.799 | 1918 | 1921 | 1926 | rVV  | 58466   | 75337   | 4.31%  | 0.577%  |
| 48 | 12.853 | 1926 | 1930 | 1931 | rVV  | 68486   | 76177   | 4.36%  | 0.583%  |
| 49 | 12.878 | 1931 | 1934 | 1940 | rVV  | 186522  | 249100  | 14.25% | 1.906%  |
| 50 | 12.939 | 1940 | 1944 | 1945 | rVV  | 68672   | 73208   | 4.19%  | 0.560%  |
| 51 | 12.963 | 1945 | 1948 | 1953 | rVV  | 129902  | 162652  | 9.30%  | 1.245%  |
| 52 | 13.073 | 1961 | 1966 | 1971 | rVV2 | 59597   | 84416   | 4.83%  | 0.646%  |
| 53 | 13.134 | 1971 | 1976 | 1979 | rVV  | 28722   | 39962   | 2.29%  | 0.306%  |
| 54 | 13.177 | 1979 | 1983 | 1986 | rVV  | 41016   | 54106   | 3.09%  | 0.414%  |
| 55 | 13.237 | 1986 | 1993 | 1997 | rVB  | 55905   | 82126   | 4.70%  | 0.629%  |
| 56 | 13.292 | 1997 | 2002 | 2004 | rBV2 | 24034   | 37907   | 2.17%  | 0.290%  |
| 57 | 13.329 | 2004 | 2008 | 2014 | rVV2 | 99750   | 147003  | 8.41%  | 1.125%  |
| 58 | 13.384 | 2014 | 2017 | 2020 | rVV2 | 18019   | 26688   | 1.53%  | 0.204%  |
| 59 | 13.445 | 2024 | 2027 | 2035 | rVB5 | 18559   | 32720   | 1.87%  | 0.250%  |
| 60 | 13.585 | 2046 | 2050 | 2053 | rBV3 | 18768   | 24656   | 1.41%  | 0.189%  |
| 61 | 13.628 | 2053 | 2057 | 2060 | rVV3 | 40346   | 54544   | 3.12%  | 0.417%  |
| 62 | 13.658 | 2060 | 2062 | 2064 | rVV2 | 22561   | 26410   | 1.51%  | 0.202%  |
| 63 | 13.701 | 2068 | 2069 | 2074 | rVB2 | 28194   | 31029   | 1.77%  | 0.237%  |
| 64 | 13.792 | 2080 | 2084 | 2088 | rBV  | 12403   | 18414   | 1.05%  | 0.141%  |
| 65 | 13.969 | 2105 | 2113 | 2117 | rBV2 | 15662   | 26937   | 1.54%  | 0.206%  |
| 66 | 14.524 | 2199 | 2204 | 2210 | rBV4 | 13153   | 21490   | 1.23%  | 0.164%  |
| 67 | 14.823 | 2248 | 2253 | 2262 | rVB2 | 18649   | 27864   | 1.59%  | 0.213%  |

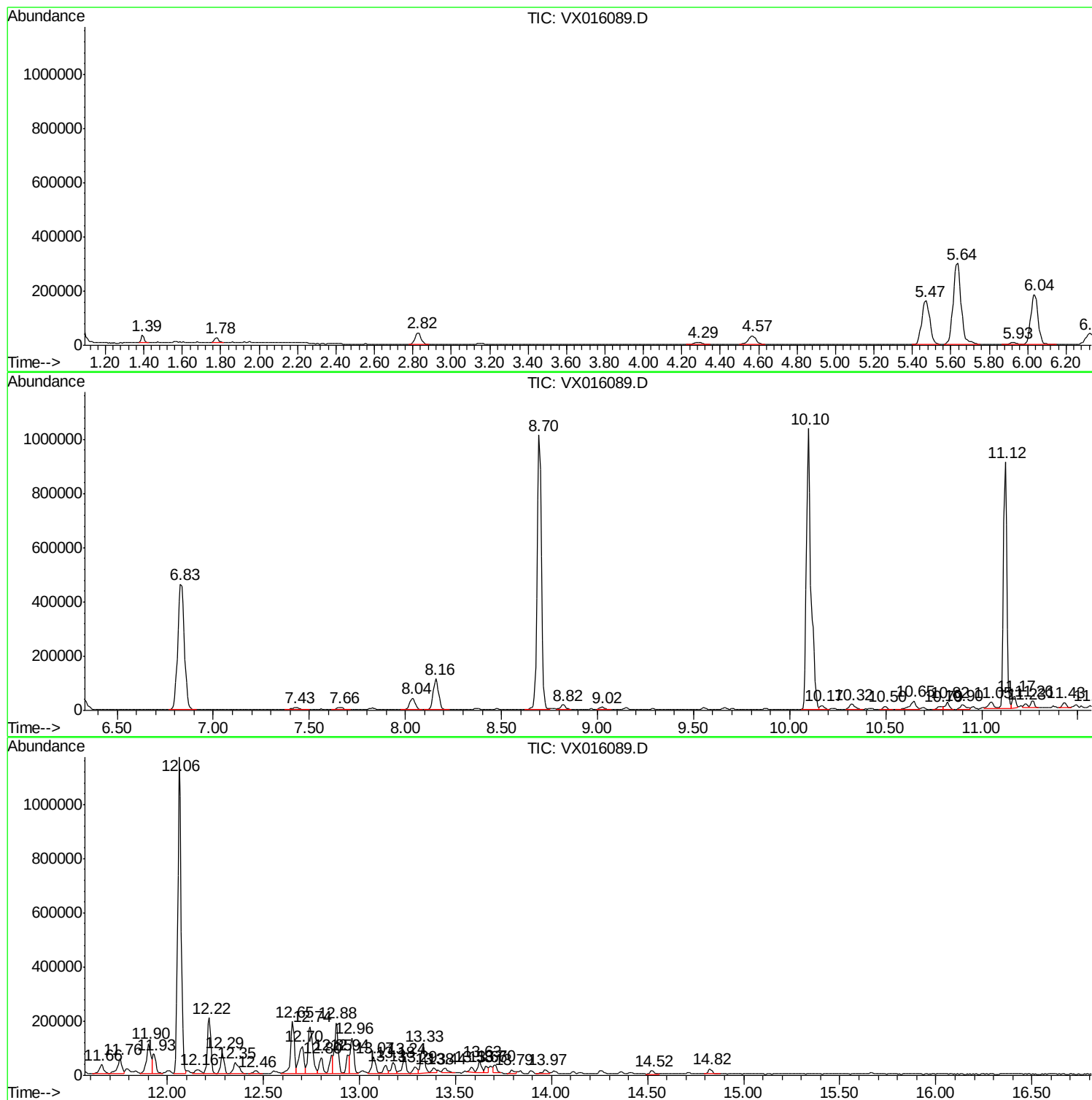
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MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

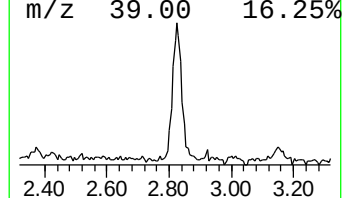
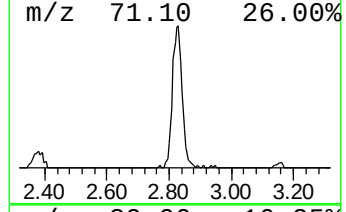
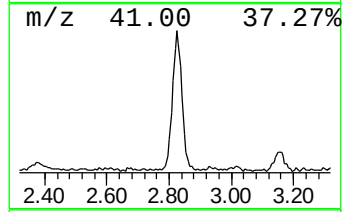
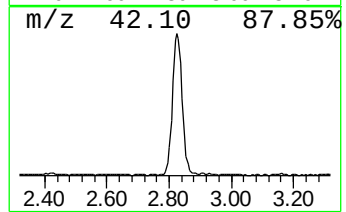
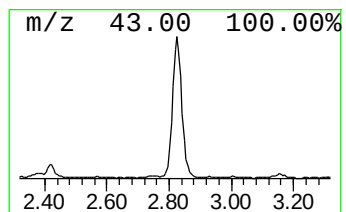
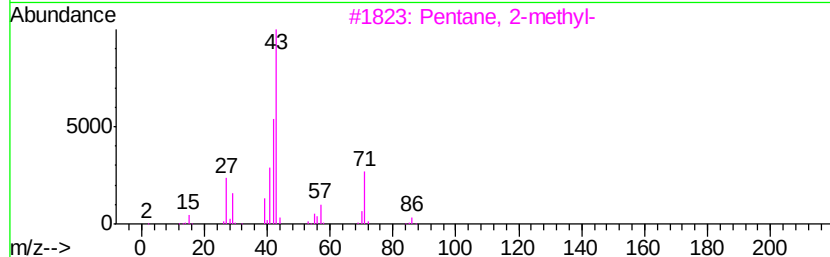
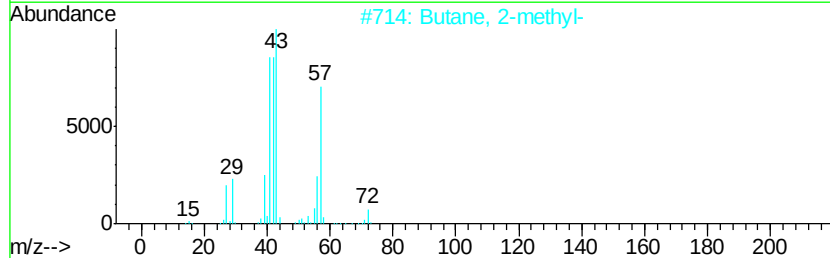
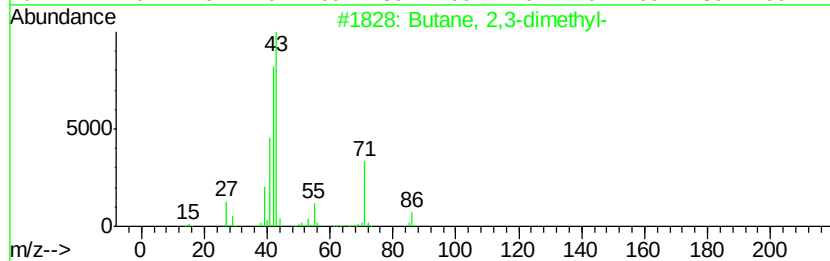
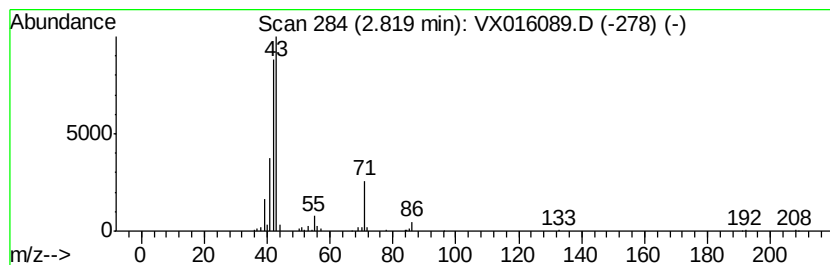
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 8

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 2.82 | 5.37 ug/l | 94055 | Pentafluorobenzene | 5.64 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2,3-dimethyl-         | 86  | C6H14   | 000079-29-8 | 87   |
| 2    |    | Butane, 2-methyl-             | 72  | C5H12   | 000078-78-4 | 38   |
| 3    |    | Pentane, 2-methyl-            | 86  | C6H14   | 000107-83-5 | 33   |
| 4    |    | Propanoyl chloride, 2-methyl- | 106 | C4H7ClO | 000079-30-1 | 22   |
| 5    |    | Furan, tetrahydro-2-methyl-   | 86  | C5H10O  | 000096-47-9 | 9    |



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ClientSampleId :  
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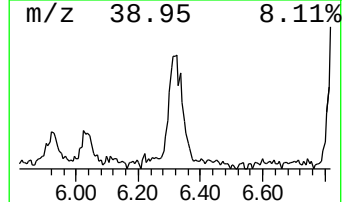
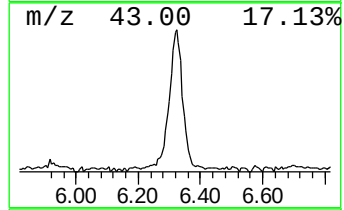
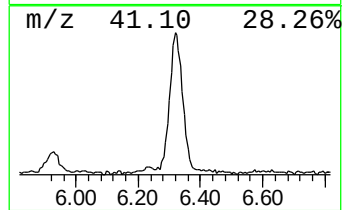
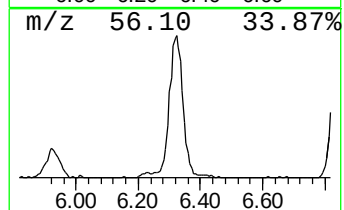
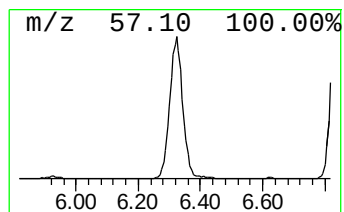
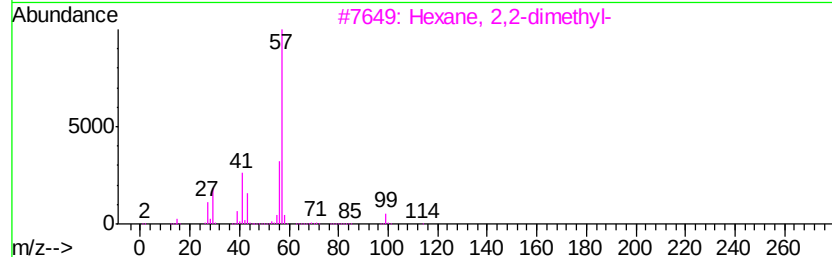
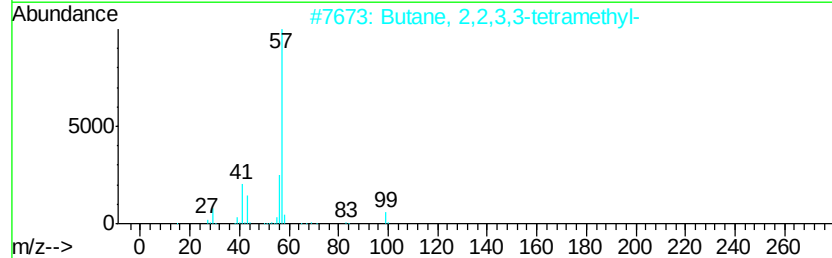
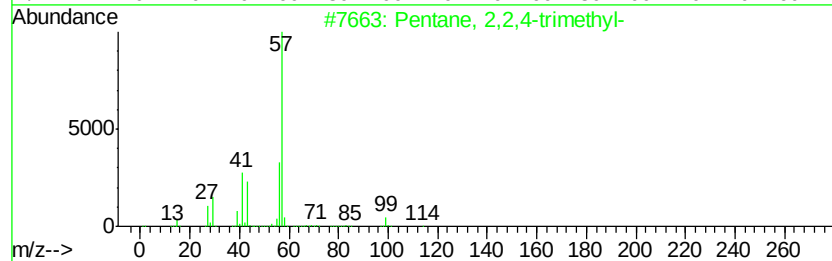
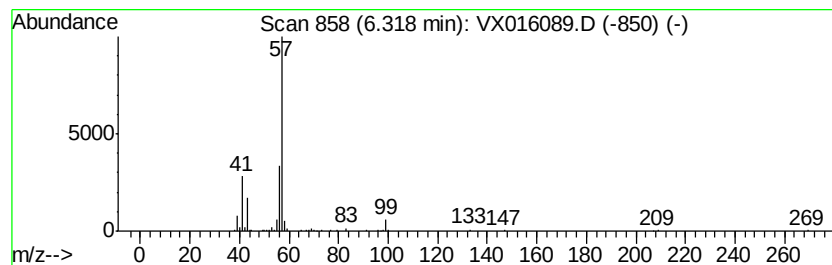
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

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

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 6.32 | 5.36 ug/l | 118753 | 1,4-Difluorobenzene | 6.84 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 2,2,4-trimethyl-       | 114 | C8H18   | 000540-84-1 | 64   |
| 2    |    | Butane, 2,2,3,3-tetramethyl-    | 114 | C8H18   | 000594-82-1 | 64   |
| 3    |    | Hexane, 2,2-dimethyl-           | 114 | C8H18   | 000590-73-8 | 64   |
| 4    |    | Heptane, 2,2,4,6,6-pentamethyl- | 170 | C12H26  | 013475-82-6 | 59   |
| 5    |    | Hexane, 2,2,5-trimethyl-        | 128 | C9H20   | 003522-94-9 | 59   |



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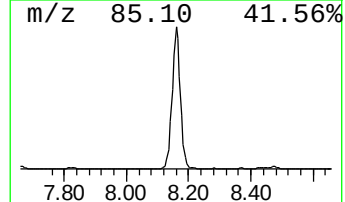
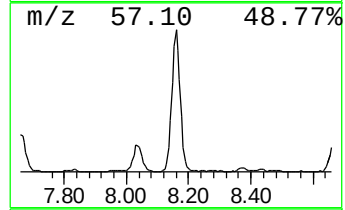
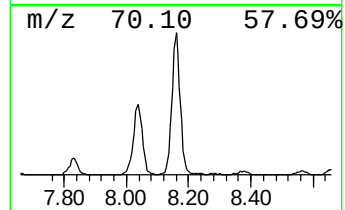
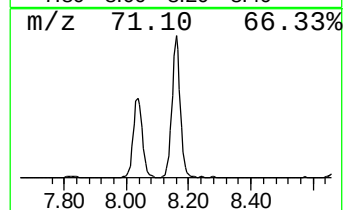
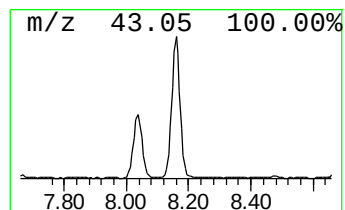
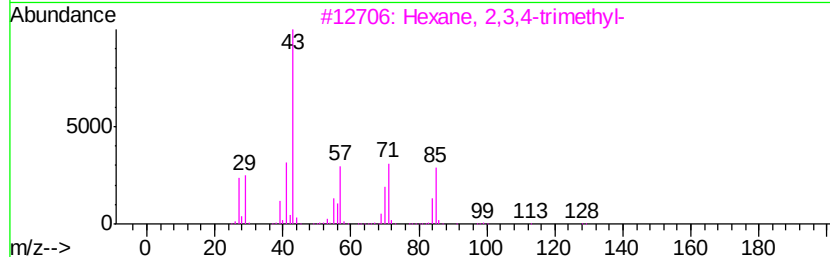
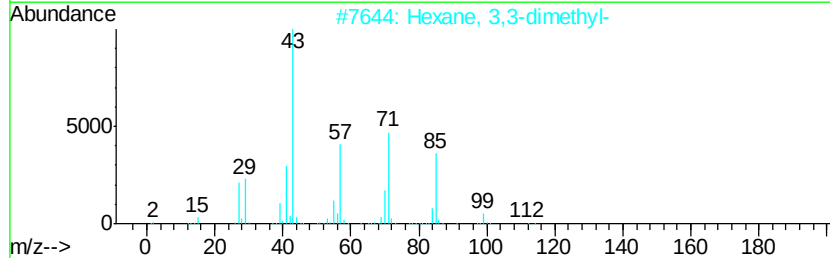
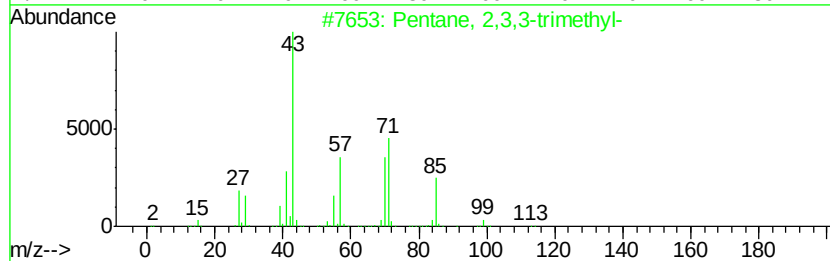
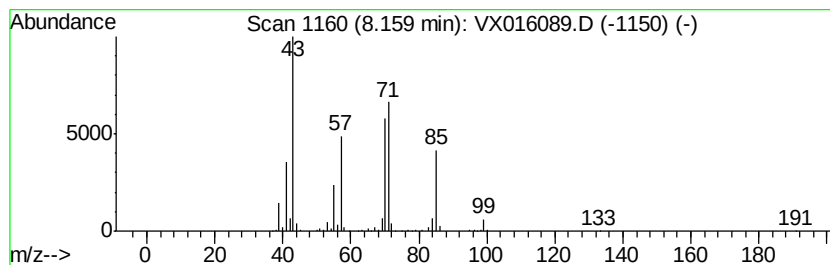
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

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

| R.T. | EstConc    | Area   | Relative to ISTD    | R.T. |
|------|------------|--------|---------------------|------|
| 8.16 | 10.05 ug/l | 222618 | 1,4-Difluorobenzene | 6.84 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 90   |
| 2    |    | Hexane, 3,3-dimethyl-     | 114 | C8H18   | 000563-16-6 | 64   |
| 3    |    | Hexane, 2,3,4-trimethyl-  | 128 | C9H20   | 000921-47-1 | 64   |
| 4    |    | Hexane, 3-methyl-         | 100 | C7H16   | 000589-34-4 | 53   |
| 5    |    | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 53   |



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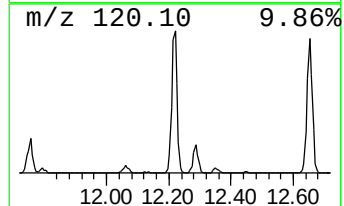
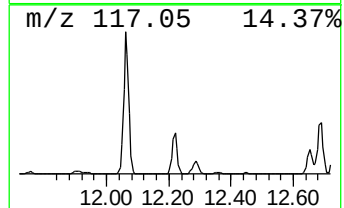
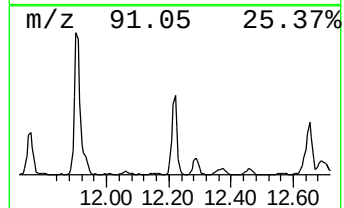
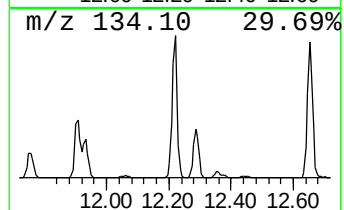
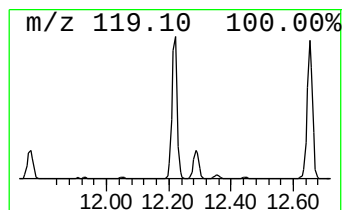
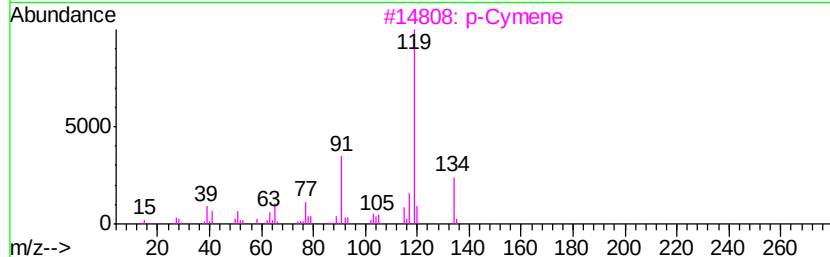
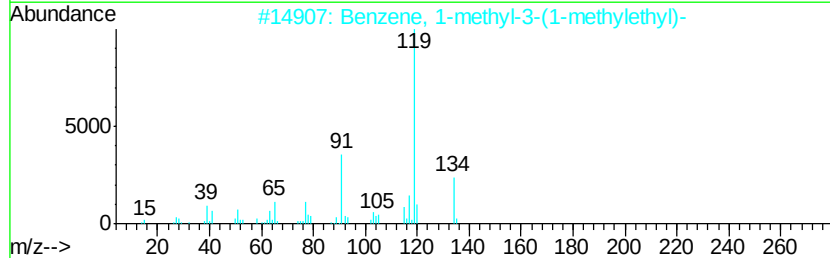
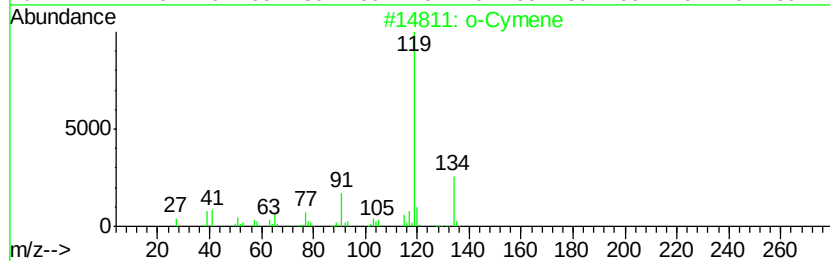
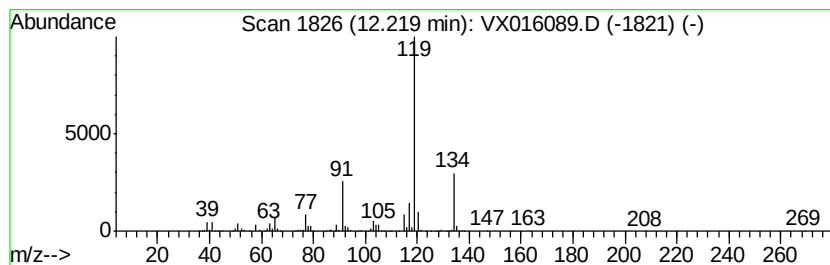
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Quant Title : SW846 8260

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

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

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.22 | 8.83 ug/l | 257110 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 97   |
| 2    |    | Benzene, 1-methyl-3-(1-methylethyl)- | 134 | C10H14  | 000535-77-3 | 95   |
| 3    |    | p-Cymene                             | 134 | C10H14  | 000099-87-6 | 95   |
| 4    |    | Benzene, 1,2,4,5-tetramethyl-        | 134 | C10H14  | 000095-93-2 | 91   |
| 5    |    | Benzene, 1,2,3,4-tetramethyl-        | 134 | C10H14  | 000488-23-3 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\  
Data File : VX016089.D  
Acq On : 07 May 2020 13:25  
Operator : JC/SP  
Sample : L2543-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 8 Sample Multiplier: 1

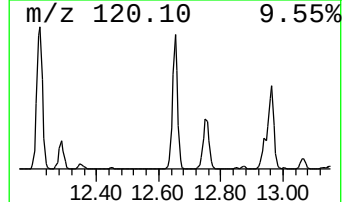
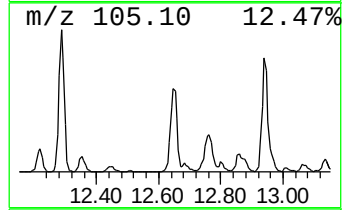
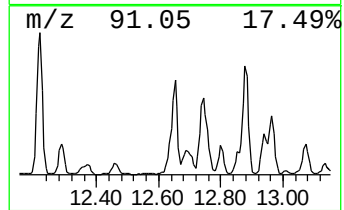
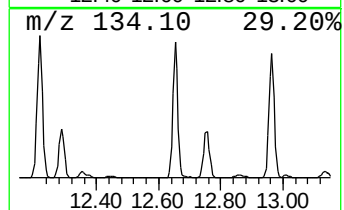
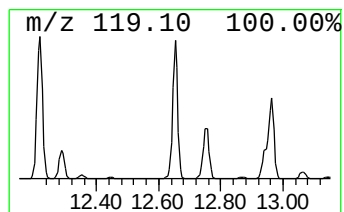
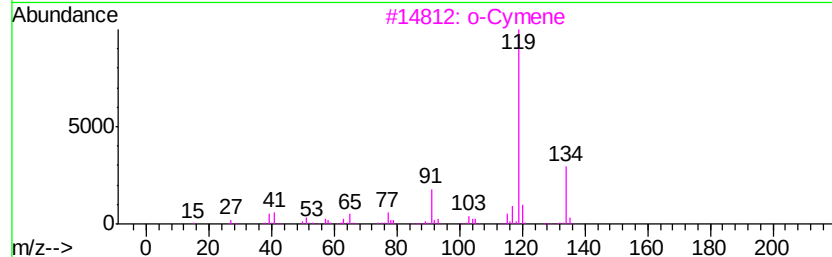
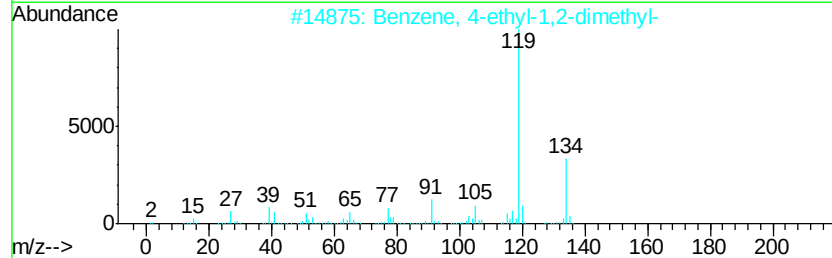
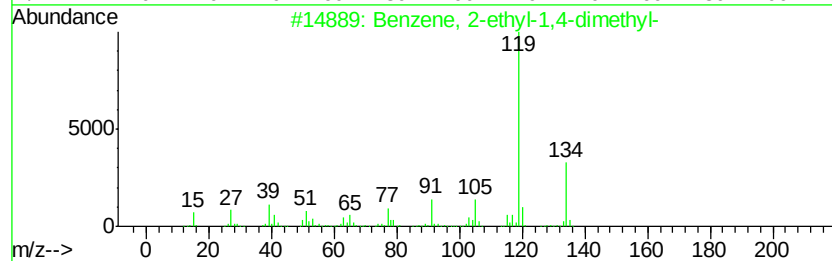
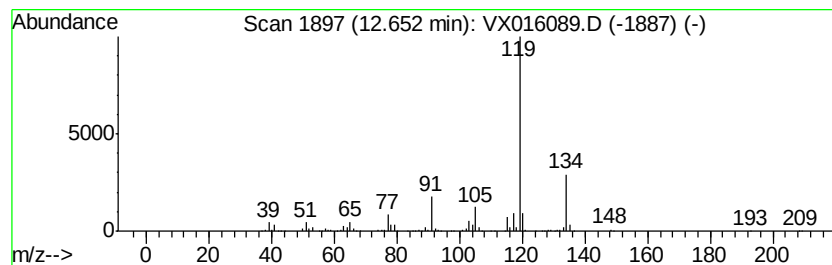
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

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

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.           |
|---------|-----------|-------------------------------------|------------------------|----------------|
| 12.65   | 8.68 ug/l | 252620                              | 1,4-Dichlorobenzene-d4 | 12.06          |
| Hit# of | 5         | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |           | Benzene, 2-ethyl-1,4-dimethyl-      | 134 C10H14             | 001758-88-9 95 |
| 2       |           | Benzene, 4-ethyl-1,2-dimethyl-      | 134 C10H14             | 000934-80-5 95 |
| 3       |           | o-Cymene                            | 134 C10H14             | 000527-84-4 95 |
| 4       |           | Benzene, 1-ethyl-2,3-dimethyl-      | 134 C10H14             | 000933-98-2 95 |
| 5       |           | Benzene, 1-methyl-3-(1-methyleth... | 134 C10H14             | 000535-77-3 94 |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\  
Data File : VX016089.D  
Acq On : 07 May 2020 13:25  
Operator : JC/SP  
Sample : L2543-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 8 Sample Multiplier: 1

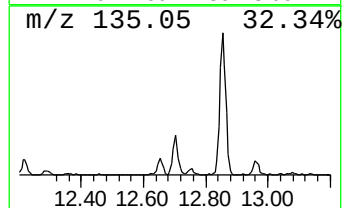
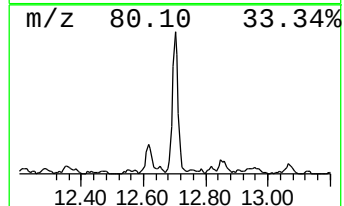
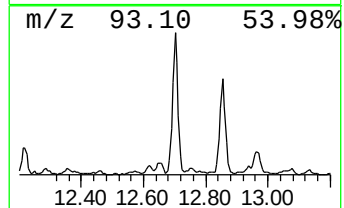
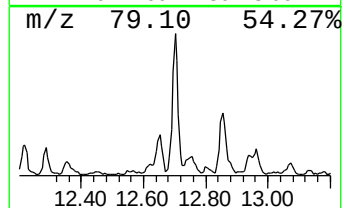
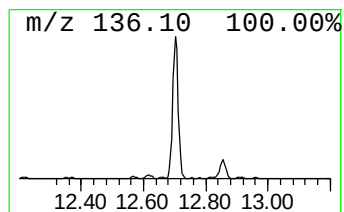
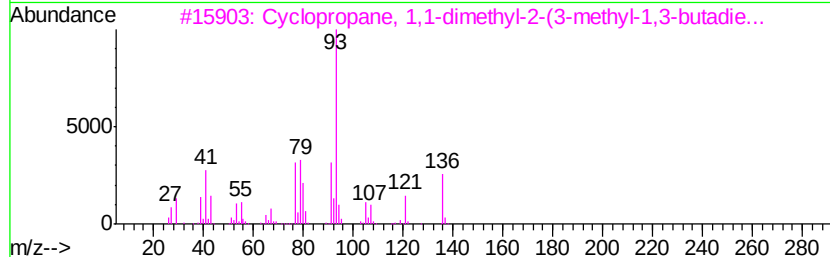
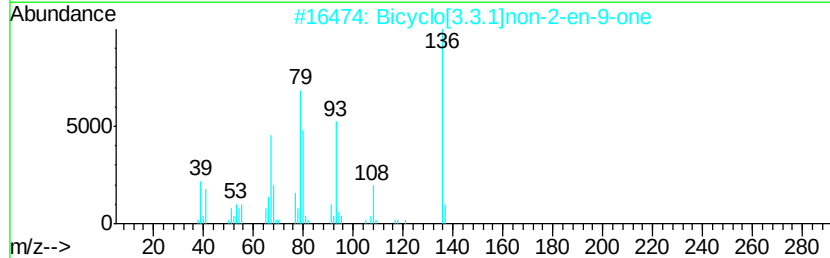
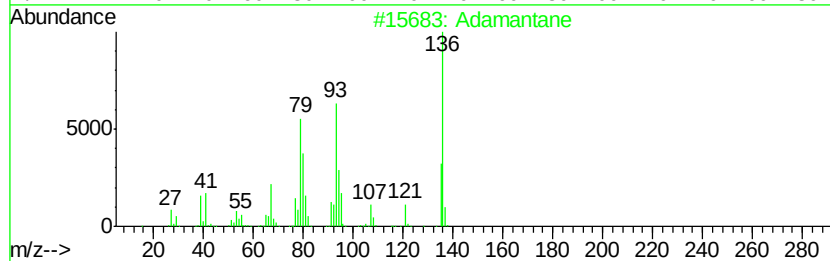
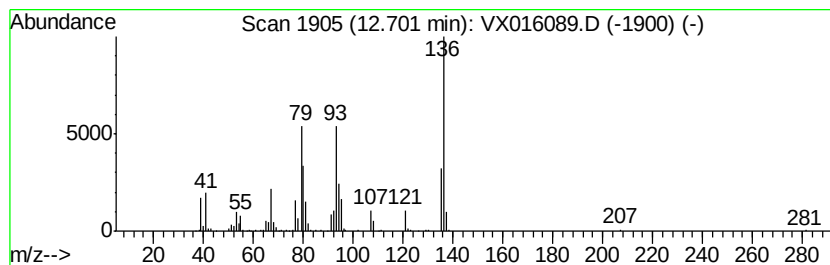
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

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

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 12.70   | 6.18 ug/l                           | 179962       | 1,4-Dichlorobenzene-d4 | 12.06     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Adamantane                          | 136 C10H16   | 000281-23-2            | 98        |
| 2       | Bicyclo[3.3.1]non-2-en-9-one        | 136 C9H12O   | 004844-11-5            | 76        |
| 3       | Cyclopropane, 1,1-dimethyl-2-(3-... | 136 C10H16   | 068998-21-0            | 50        |
| 4       | 1-(6-Methyl-2-pyrazinyl)-1-ethanone | 136 C7H8N2O  | 022047-26-3            | 46        |
| 5       | 3,5-Dimethylanisole                 | 136 C9H12O   | 000874-63-5            | 38        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\  
Data File : VX016089.D  
Acq On : 07 May 2020 13:25  
Operator : JC/SP  
Sample : L2543-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 8 Sample Multiplier: 1

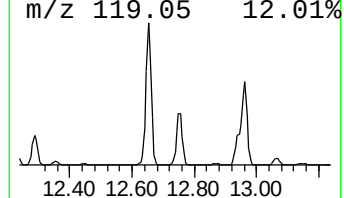
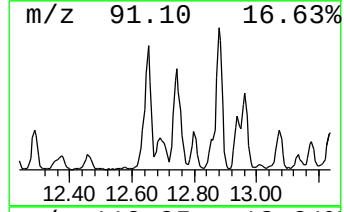
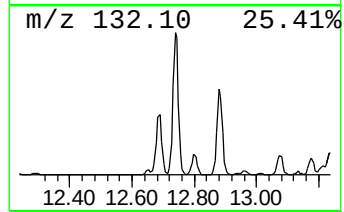
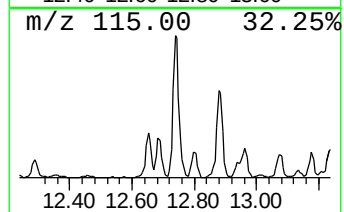
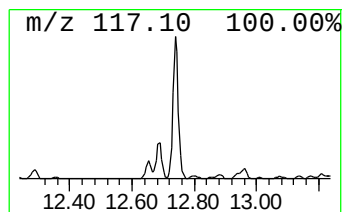
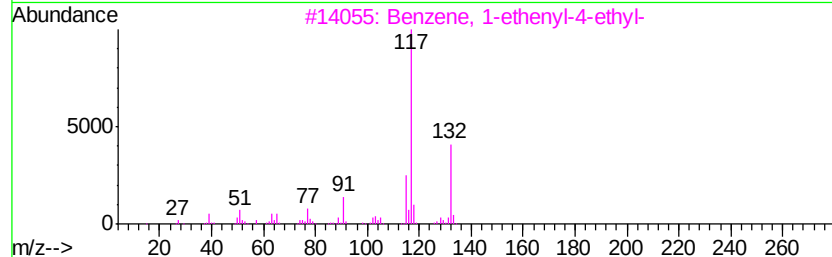
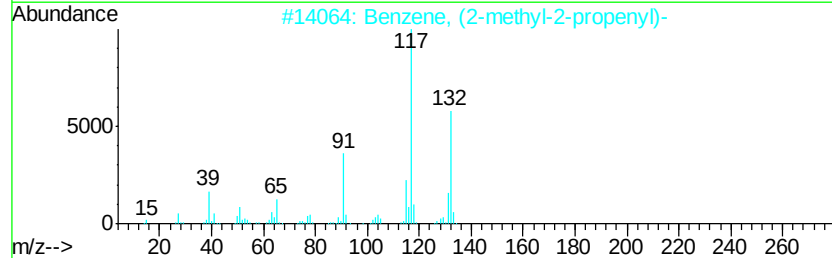
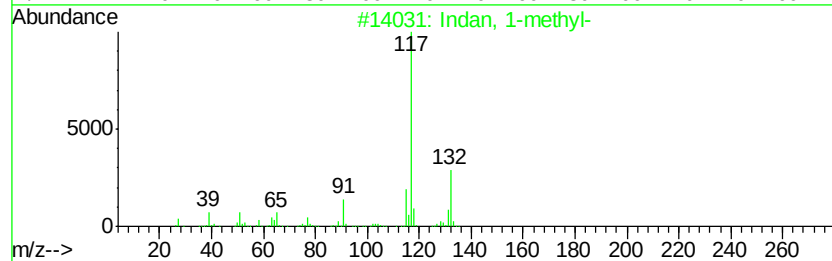
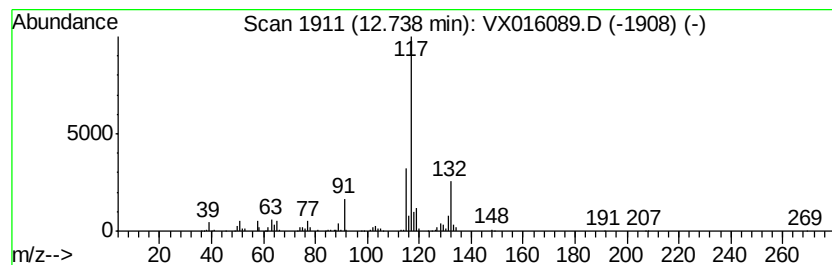
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

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

| R.T.    | EstConc                           | Area         | Relative to ISTD       | R.T.      |
|---------|-----------------------------------|--------------|------------------------|-----------|
| 12.74   | 10.23 ug/l                        | 297760       | 1,4-Dichlorobenzene-d4 | 12.06     |
| Hit# of | 5                                 | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Indan, 1-methyl-                  | 132 C10H12   | 000767-58-8            | 81        |
| 2       | Benzene, (2-methyl-2-propenyl)-   | 132 C10H12   | 003290-53-7            | 80        |
| 3       | Benzene, 1-ethenyl-4-ethyl-       | 132 C10H12   | 003454-07-7            | 76        |
| 4       | Benzene, (2-methylcyclopropyl)-   | 132 C10H12   | 1000327-39-0           | 76        |
| 5       | Benzene, 1-methyl-2-(2-propenyl)- | 132 C10H12   | 001587-04-8            | 74        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\  
Data File : VX016089.D  
Acq On : 07 May 2020 13:25  
Operator : JC/SP  
Sample : L2543-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 8 Sample Multiplier: 1

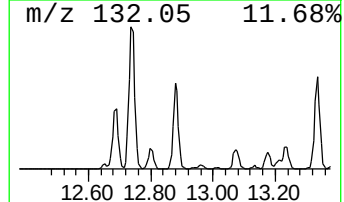
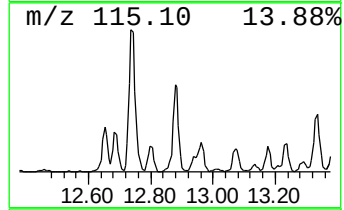
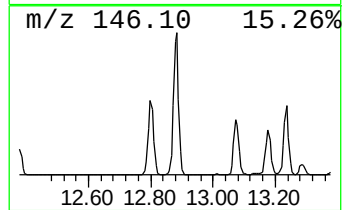
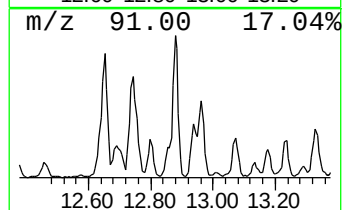
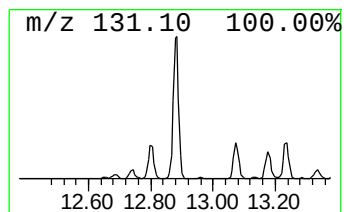
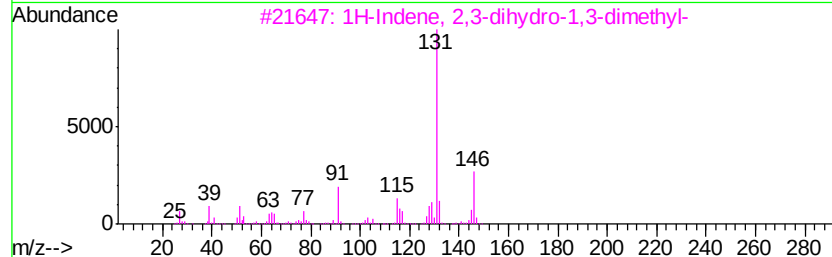
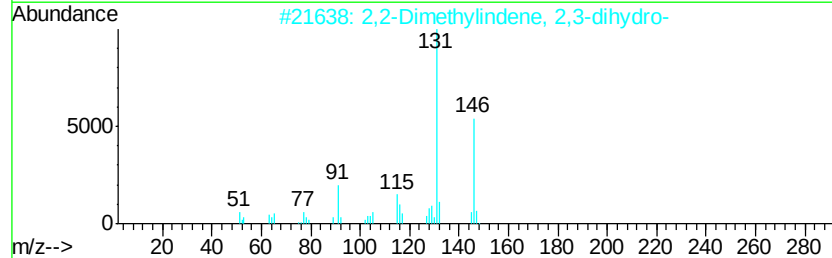
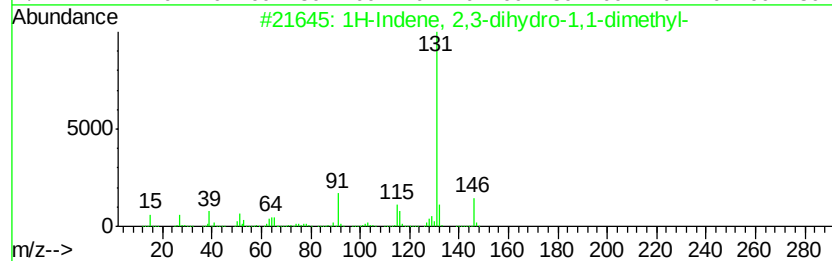
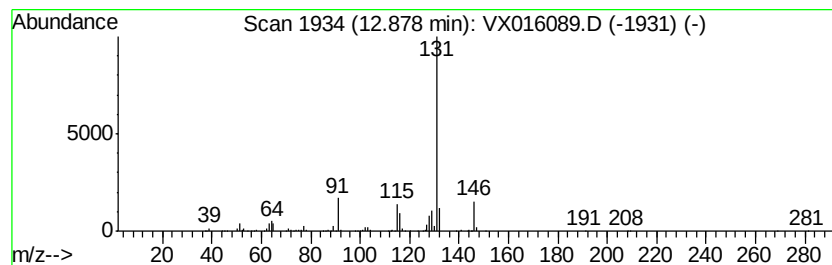
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

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Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 12.88     | 8.56 ug/l                           | 249100 | 1,4-Dichlorobenzene-d4 | 12.06       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146    | C11H14                 | 004912-92-9 | 97   |
| 2         | 2,2-Dimethylindene, 2,3-dihydro-    | 146    | C11H14                 | 020836-11-7 | 90   |
| 3         | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146    | C11H14                 | 004175-53-5 | 90   |
| 4         | Benzene, 1-methyl-2-(1-methyl-2-... | 146    | C11H14                 | 097664-19-2 | 86   |
| 5         | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146    | C11H14                 | 006682-71-9 | 83   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\  
Data File : VX016089.D  
Acq On : 07 May 2020 13:25  
Operator : JC/SP  
Sample : L2543-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

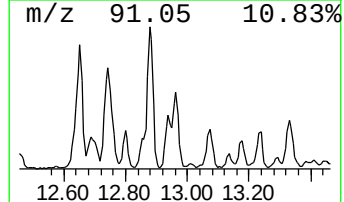
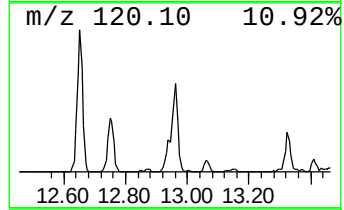
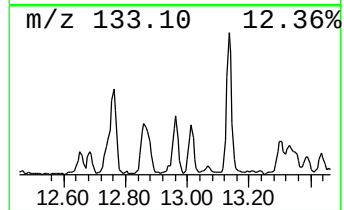
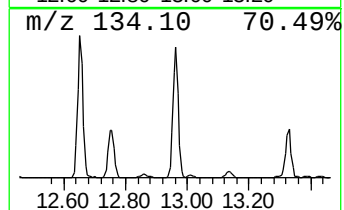
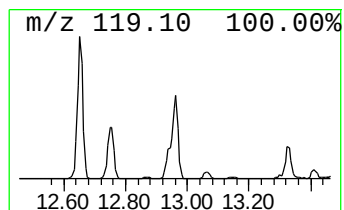
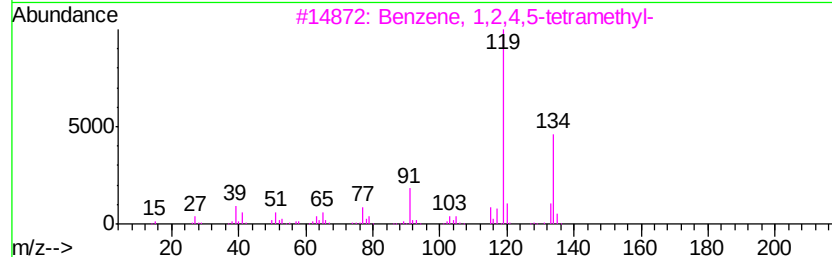
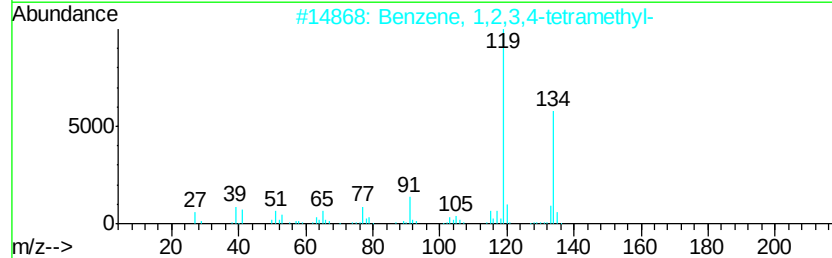
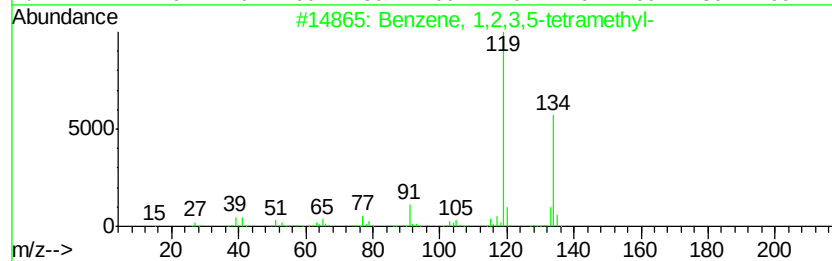
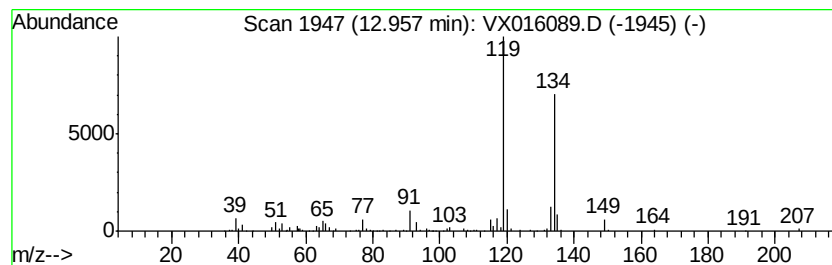
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.96 | 5.59 ug/l | 162652 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 95   |
| 2    |    | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 90   |
| 3    |    | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 90   |
| 4    |    | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 87   |
| 5    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\  
Data File : VX016089.D  
Acq On : 07 May 2020 13:25  
Operator : JC/SP  
Sample : L2543-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

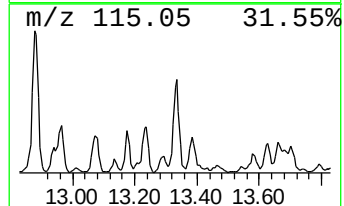
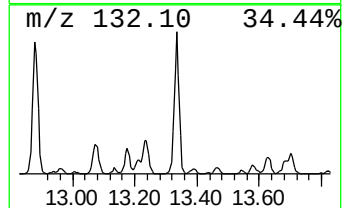
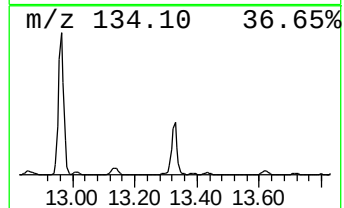
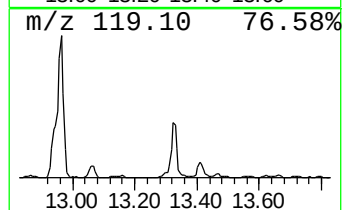
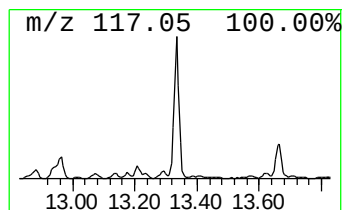
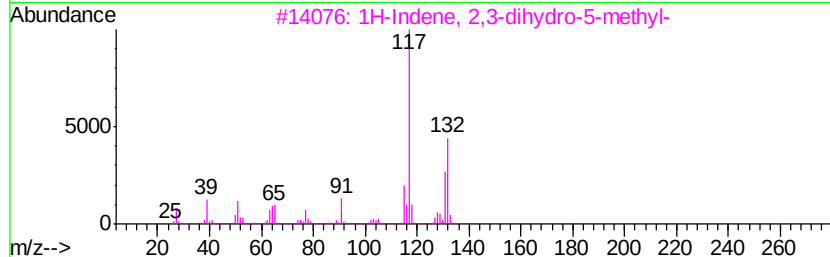
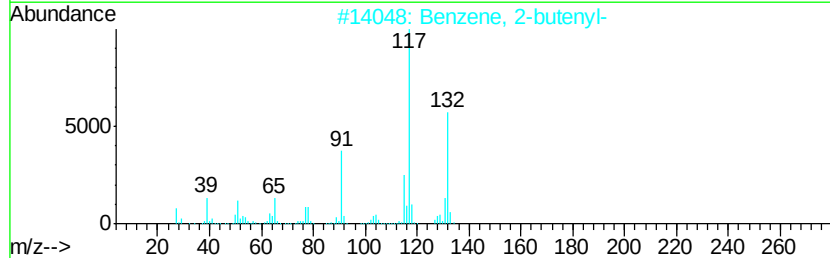
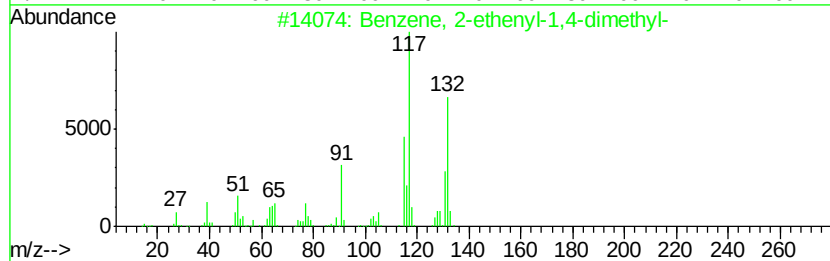
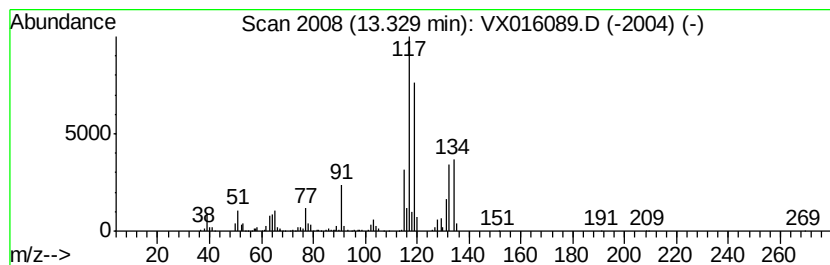
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 13.33 | 5.05 ug/l | 147003 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 86   |
| 2    |    | Benzene, 2-butenyl-               | 132 | C10H12  | 001560-06-1 | 60   |
| 3    |    | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 55   |
| 4    |    | 1H-Indene, 2,3-dihydro-4-methyl-  | 132 | C10H12  | 000824-22-6 | 55   |
| 5    |    | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 55   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX050720\  
Data File : VX016089.D  
Acq On : 07 May 2020 13:25  
Operator : JC/SP  
Sample : L2543-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS038RW016-200503

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2,3-dimet... | 2.82  | 5.4     | ug/l  | 94055    | 1                     | 5.64  | 875899  | 50.0 |
| Pentane, 2,2,4-tr... | 6.32  | 5.4     | ug/l  | 118753   | 2                     | 6.84  | 1107120 | 50.0 |
| Pentane, 2,3,3-tr... | 8.16  | 10.1    | ug/l  | 222618   | 2                     | 6.84  | 1107120 | 50.0 |
| o-Cymene             | 12.22 | 8.8     | ug/l  | 257110   | 4                     | 12.06 | 1455290 | 50.0 |
| Benzene, 2-ethyl-... | 12.65 | 8.7     | ug/l  | 252620   | 4                     | 12.06 | 1455290 | 50.0 |
| Adamantane           | 12.70 | 6.2     | ug/l  | 179962   | 4                     | 12.06 | 1455290 | 50.0 |
| Indan, 1-methyl-     | 12.74 | 10.2    | ug/l  | 297760   | 4                     | 12.06 | 1455290 | 50.0 |
| 1H-Indene, 2,3-di... | 12.88 | 8.6     | ug/l  | 249100   | 4                     | 12.06 | 1455290 | 50.0 |
| Benzene, 1,2,3,5-... | 12.96 | 5.6     | ug/l  | 162652   | 4                     | 12.06 | 1455290 | 50.0 |
| Benzene, 2-etheny... | 13.33 | 5.0     | ug/l  | 147003   | 4                     | 12.06 | 1455290 | 50.0 |