

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
 Data File : VX031556.D  
 Acq On : 22 Sep 2022 07:39  
 Operator : JC/MD  
 Sample : N4642-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-9RR

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\82X091922W.M  
 Title : SW846 8260

Signal : TIC: VX031556.D\data.ms

| 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         | 1.618       | 81            | 87          | 95           | rBV7     | 2435           | 8031          | 1.22%           | 0.137%        |
| 2         | 5.391       | 691           | 706         | 719          | rBV      | 77174          | 223694        | 33.84%          | 3.827%        |
| 3         | 5.550       | 720           | 732         | 746          | rVB      | 76124          | 215054        | 32.54%          | 3.680%        |
| 4         | 5.958       | 789           | 799         | 816          | rBV      | 85903          | 224326        | 33.94%          | 3.838%        |
| 5         | 6.763       | 922           | 931         | 948          | rBV      | 116260         | 274700        | 41.56%          | 4.700%        |
| 6         | 7.379       | 1022          | 1032        | 1039         | rBV4     | 5170           | 13251         | 2.00%           | 0.227%        |
| 7         | 8.104       | 1143          | 1151        | 1156         | rBV3     | 3853           | 8133          | 1.23%           | 0.139%        |
| 8         | 8.433       | 1200          | 1205        | 1213         | rBV4     | 8380           | 17264         | 2.61%           | 0.295%        |
| 9         | 8.604       | 1227          | 1233        | 1234         | rBV      | 6730           | 9314          | 1.41%           | 0.159%        |
| 10        | 8.647       | 1234          | 1240        | 1250         | rVB      | 415053         | 660986        | 100.00%         | 11.310%       |
| 11        | 8.958       | 1286          | 1291        | 1299         | rVB      | 35109          | 59366         | 8.98%           | 1.016%        |
| 12        | 9.049       | 1299          | 1306        | 1311         | rBV      | 41330          | 62824         | 9.50%           | 1.075%        |
| 13        | 9.104       | 1311          | 1315        | 1320         | rVB2     | 4817           | 7905          | 1.20%           | 0.135%        |
| 14        | 9.165       | 1320          | 1325        | 1329         | rBV2     | 4348           | 6745          | 1.02%           | 0.115%        |
| 15        | 9.458       | 1365          | 1373        | 1377         | rBV4     | 4335           | 7543          | 1.14%           | 0.129%        |
| 16        | 9.616       | 1394          | 1399        | 1404         | rBV4     | 9559           | 16353         | 2.47%           | 0.280%        |
| 17        | 10.055      | 1466          | 1471        | 1479         | rBV      | 263520         | 343668        | 51.99%          | 5.880%        |
| 18        | 10.220      | 1490          | 1498        | 1500         | rBV7     | 2625           | 6914          | 1.05%           | 0.118%        |
| 19        | 10.299      | 1504          | 1511        | 1518         | rVB      | 47831          | 68707         | 10.39%          | 1.176%        |
| 20        | 10.585      | 1553          | 1558        | 1562         | rBV4     | 4682           | 7460          | 1.13%           | 0.128%        |
| 21        | 10.640      | 1562          | 1567        | 1577         | rVB      | 193213         | 255130        | 38.60%          | 4.365%        |
| 22        | 10.781      | 1582          | 1590        | 1594         | rVB7     | 3357           | 6727          | 1.02%           | 0.115%        |
| 23        | 10.854      | 1597          | 1602        | 1614         | rBV5     | 3290           | 7847          | 1.19%           | 0.134%        |
| 24        | 11.079      | 1634          | 1639        | 1645         | rBV      | 354873         | 451509        | 68.31%          | 7.725%        |
| 25        | 11.378      | 1683          | 1688        | 1696         | rBV      | 57112          | 96518         | 14.60%          | 1.651%        |
| 26        | 11.451      | 1696          | 1700        | 1705         | rVB      | 90323          | 106993        | 16.19%          | 1.831%        |
| 27        | 11.610      | 1721          | 1726        | 1735         | rBV      | 179535         | 236109        | 35.72%          | 4.040%        |
| 28        | 11.750      | 1745          | 1749        | 1755         | rVB      | 85839          | 108722        | 16.45%          | 1.860%        |
| 29        | 11.969      | 1781          | 1785        | 1789         | rBV      | 18037          | 22423         | 3.39%           | 0.384%        |
| 30        | 12.024      | 1789          | 1794        | 1799         | rBV      | 283850         | 349010        | 52.80%          | 5.972%        |
| 31        | 12.085      | 1799          | 1804        | 1813         | rVB      | 222087         | 276003        | 41.76%          | 4.722%        |
| 32        | 12.244      | 1824          | 1830        | 1832         | rBV2     | 50838          | 66637         | 10.08%          | 1.140%        |
| 33        | 12.268      | 1832          | 1834        | 1838         | rVV      | 41190          | 47060         | 7.12%           | 0.805%        |
| 34        | 12.317      | 1838          | 1842        | 1848         | rVB2     | 83559          | 106645        | 16.13%          | 1.825%        |
| 35        | 12.408      | 1849          | 1857        | 1861         | rVV      | 14013          | 18859         | 2.85%           | 0.323%        |
| 36        | 12.463      | 1861          | 1866        | 1871         | rVB      | 41477          | 47102         | 7.13%           | 0.806%        |

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 Sample : N4642-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-9RR

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\82X091922W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 12.530 | 1871 | 1877 | 1879 | rBV  | 30098  | 39442  | 5.97%  | 0.675% |
| 38 | 12.555 | 1879 | 1881 | 1886 | rVB  | 40523  | 43381  | 6.56%  | 0.742% |
| 39 | 12.616 | 1886 | 1891 | 1894 | rBV  | 72557  | 85859  | 12.99% | 1.469% |
| 40 | 12.646 | 1894 | 1896 | 1900 | rVV  | 12278  | 13326  | 2.02%  | 0.228% |
| 41 | 12.701 | 1900 | 1905 | 1918 | rVB2 | 87883  | 131972 | 19.97% | 2.258% |
| 42 | 12.847 | 1924 | 1929 | 1933 | rBV  | 49777  | 59414  | 8.99%  | 1.017% |
| 43 | 12.920 | 1933 | 1941 | 1945 | rBV  | 93292  | 114708 | 17.35% | 1.963% |
| 44 | 12.963 | 1945 | 1948 | 1953 | rVB  | 83355  | 96558  | 14.61% | 1.652% |
| 45 | 13.042 | 1954 | 1961 | 1964 | rBV3 | 14698  | 29160  | 4.41%  | 0.499% |
| 46 | 13.140 | 1973 | 1977 | 1978 | rBV  | 9441   | 10895  | 1.65%  | 0.186% |
| 47 | 13.170 | 1978 | 1982 | 1985 | rVV2 | 37141  | 45314  | 6.86%  | 0.775% |
| 48 | 13.213 | 1985 | 1989 | 1992 | rVB2 | 6624   | 10195  | 1.54%  | 0.174% |
| 49 | 13.256 | 1992 | 1996 | 1997 | rBV2 | 6658   | 8774   | 1.33%  | 0.150% |
| 50 | 13.292 | 1997 | 2002 | 2007 | rVB2 | 201478 | 258403 | 39.09% | 4.421% |
| 51 | 13.372 | 2013 | 2015 | 2020 | rVB  | 6673   | 6638   | 1.00%  | 0.114% |
| 52 | 13.426 | 2020 | 2024 | 2030 | rVB2 | 22033  | 30650  | 4.64%  | 0.524% |
| 53 | 13.506 | 2032 | 2037 | 2040 | rBV3 | 10427  | 14863  | 2.25%  | 0.254% |
| 54 | 13.542 | 2040 | 2043 | 2046 | rVV  | 21820  | 29870  | 4.52%  | 0.511% |
| 55 | 13.585 | 2046 | 2050 | 2055 | rVV3 | 33276  | 58846  | 8.90%  | 1.007% |
| 56 | 13.640 | 2056 | 2059 | 2061 | rVV  | 17724  | 26732  | 4.04%  | 0.457% |
| 57 | 13.664 | 2061 | 2063 | 2069 | rVB2 | 28073  | 35595  | 5.39%  | 0.609% |
| 58 | 13.774 | 2075 | 2081 | 2090 | rVB  | 31891  | 47232  | 7.15%  | 0.808% |
| 59 | 13.865 | 2090 | 2096 | 2100 | rVB3 | 9457   | 15427  | 2.33%  | 0.264% |
| 60 | 13.926 | 2100 | 2106 | 2110 | rBV4 | 10340  | 15351  | 2.32%  | 0.263% |
| 61 | 13.969 | 2110 | 2113 | 2117 | rVV  | 11113  | 13932  | 2.11%  | 0.238% |
| 62 | 14.079 | 2126 | 2131 | 2136 | rBV  | 10196  | 13985  | 2.12%  | 0.239% |
| 63 | 14.219 | 2148 | 2154 | 2162 | rBV2 | 13786  | 24087  | 3.64%  | 0.412% |
| 64 | 14.323 | 2167 | 2171 | 2174 | rVV2 | 6123   | 7679   | 1.16%  | 0.131% |
| 65 | 14.371 | 2174 | 2179 | 2183 | rVB2 | 7893   | 9196   | 1.39%  | 0.157% |
| 66 | 14.597 | 2211 | 2216 | 2220 | rBV  | 16820  | 23111  | 3.50%  | 0.395% |
| 67 | 14.640 | 2220 | 2223 | 2233 | rVB2 | 24544  | 32417  | 4.90%  | 0.555% |
| 68 | 14.786 | 2241 | 2247 | 2254 | rBV2 | 30323  | 45960  | 6.95%  | 0.786% |

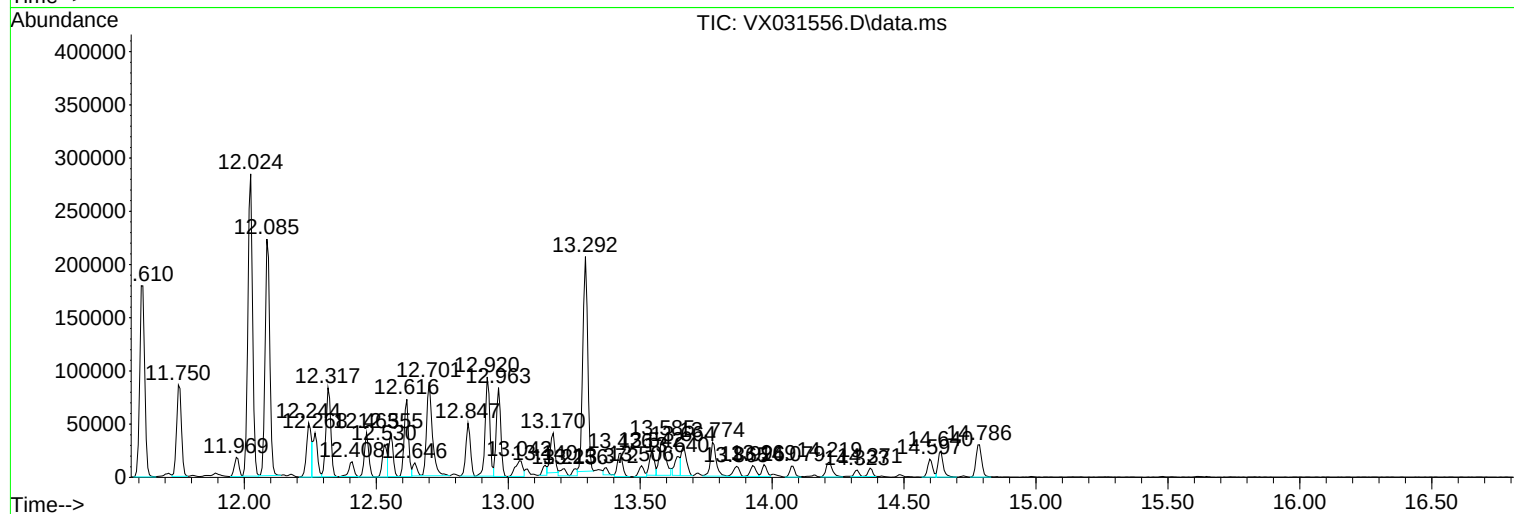
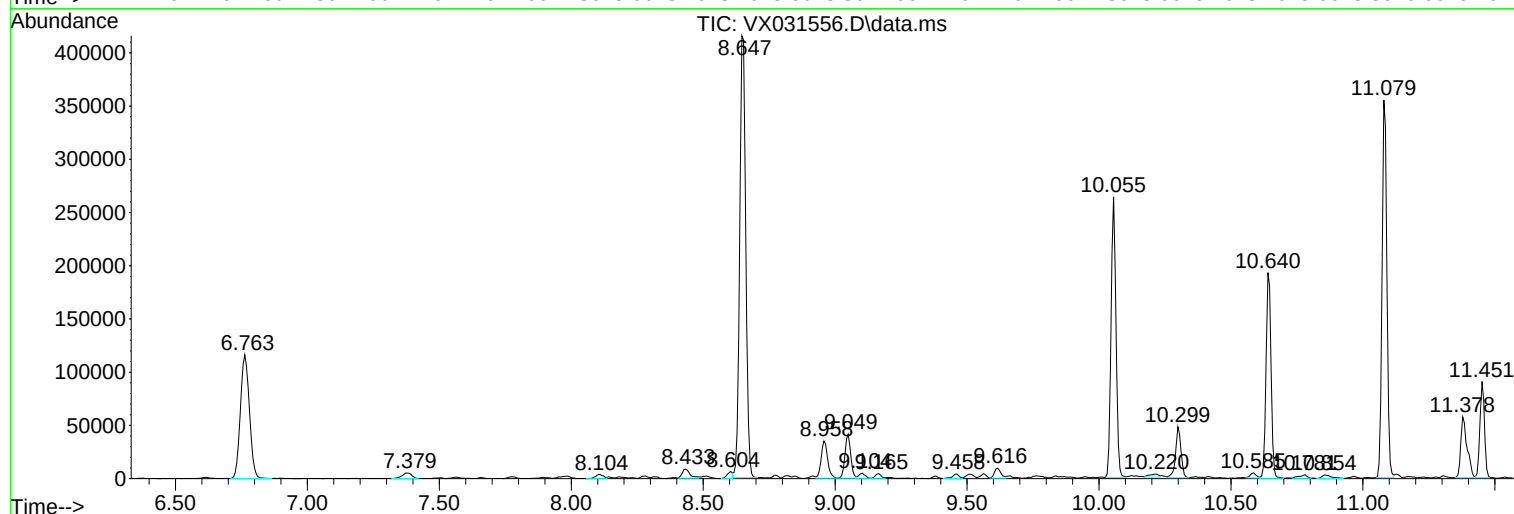
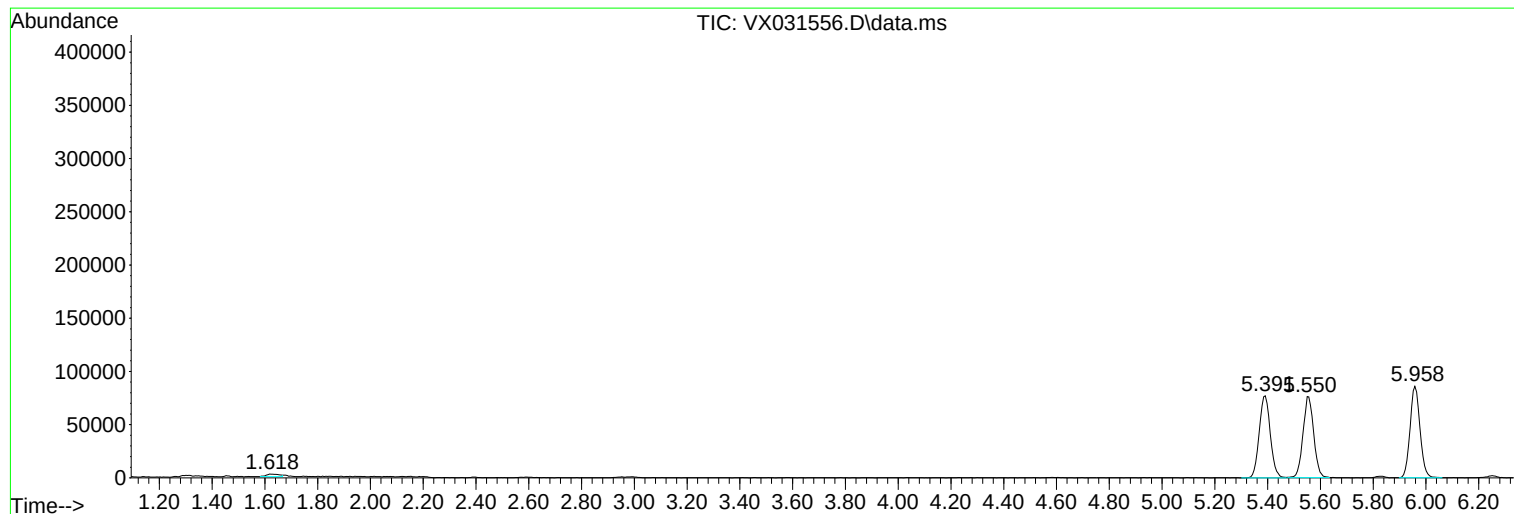
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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
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Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

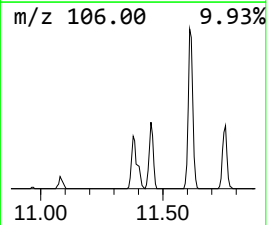
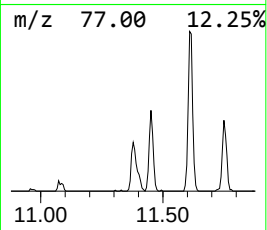
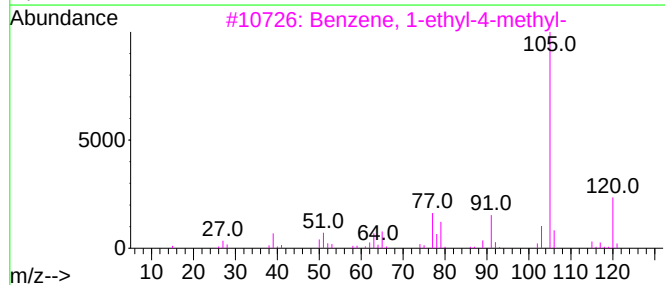
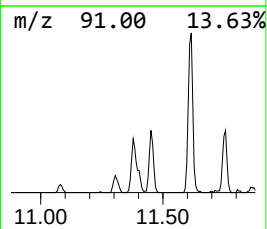
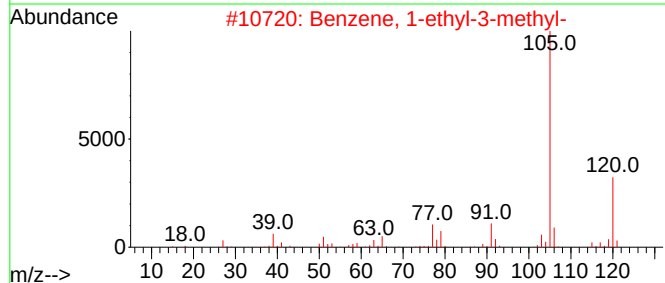
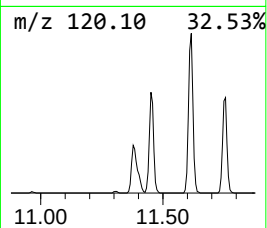
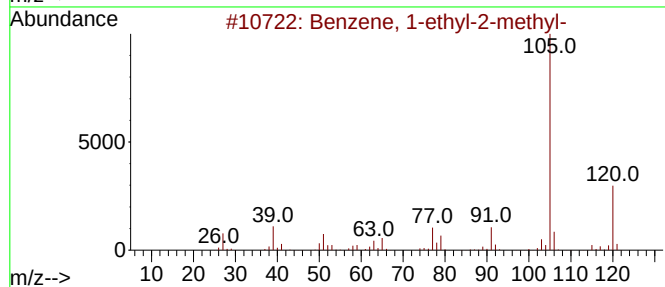
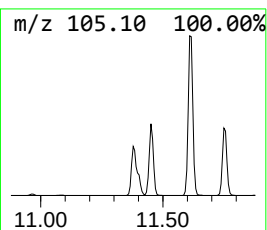
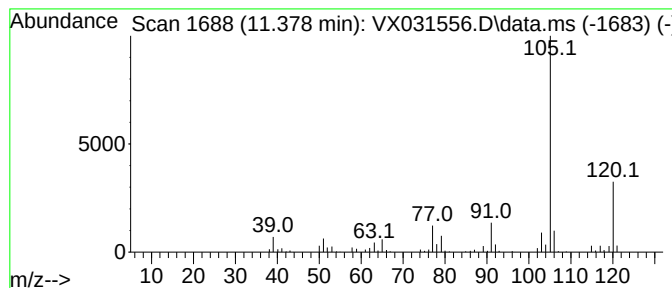
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 11.378 | 13.83 ug/l | 96518 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

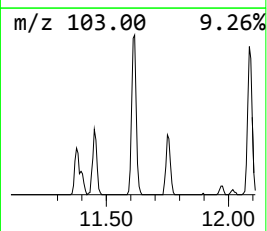
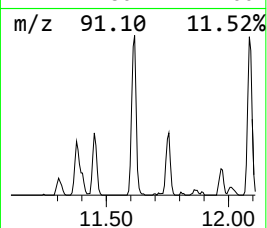
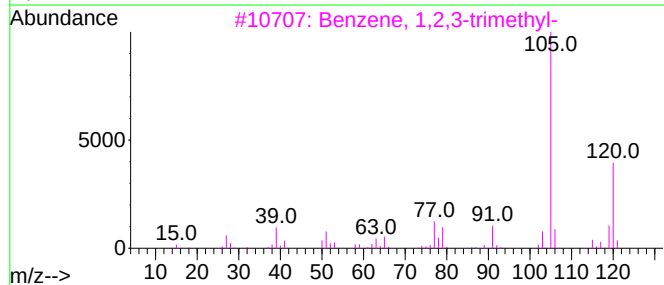
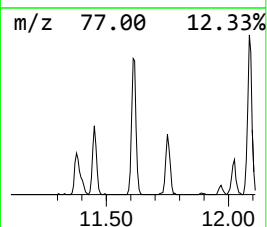
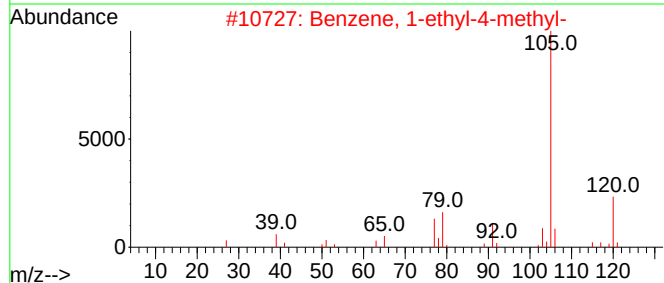
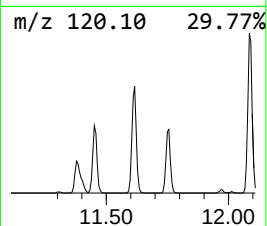
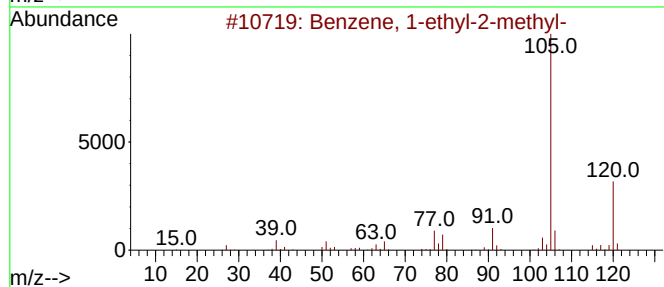
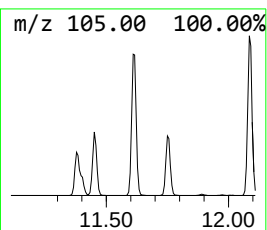
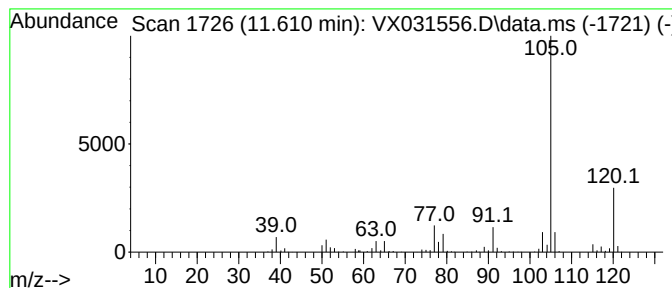
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.610 | 33.83 ug/l | 236109 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 90   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |
| 5    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |



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ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

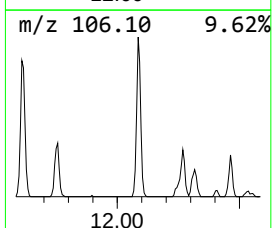
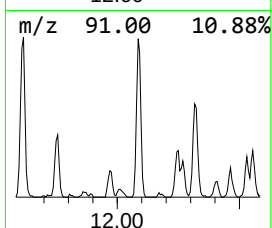
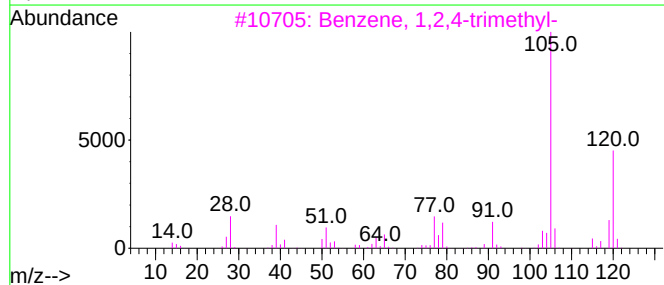
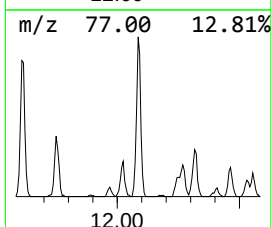
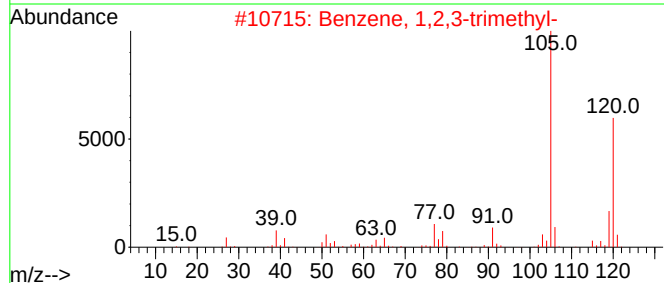
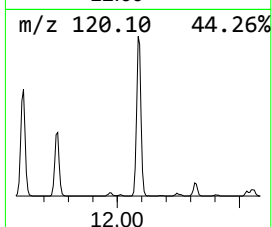
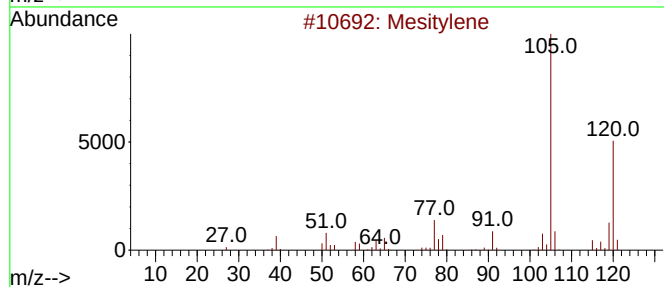
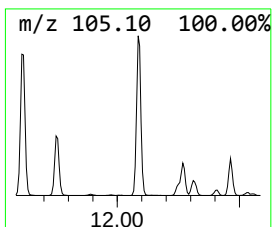
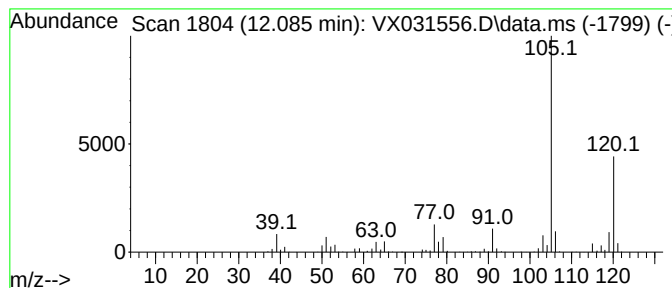
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.085 | 39.54 ug/l | 276003 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



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Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

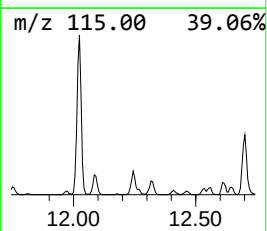
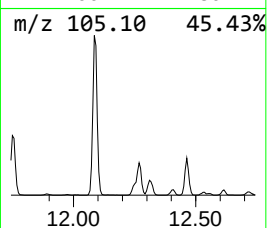
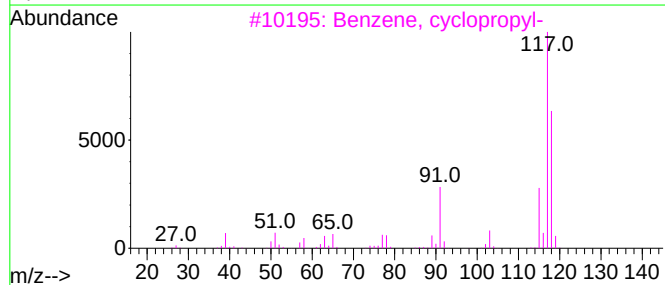
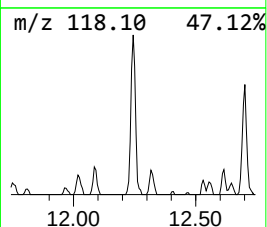
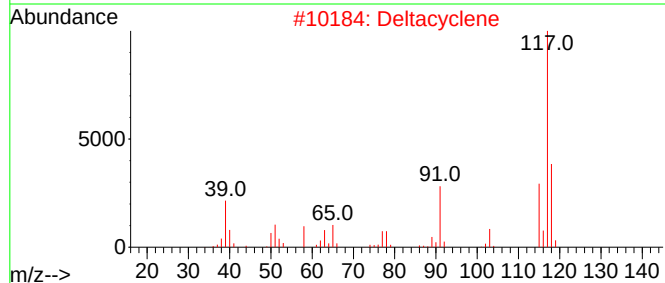
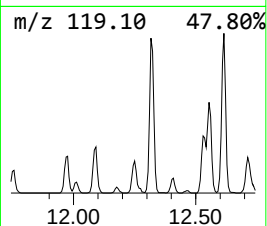
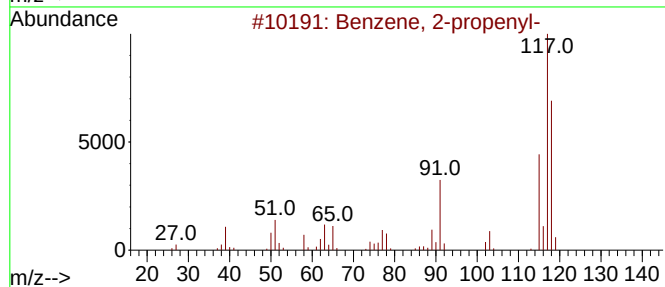
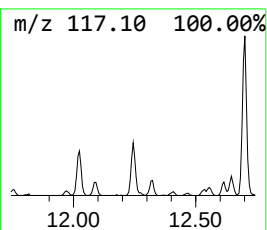
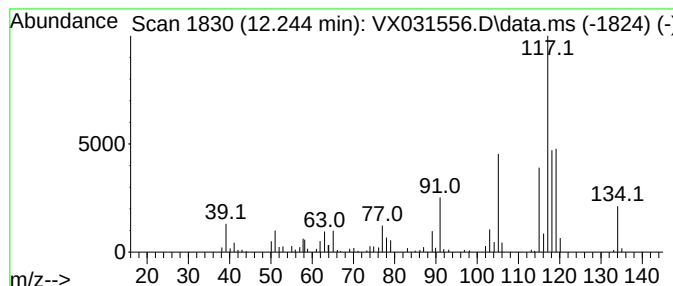
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzene, 2-propenyl- Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.244 | 9.55 ug/l | 66637 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 55   |
| 2    |    |   | Deltacyclene                        | 118 | C9H10   | 007785-10-6  | 55   |
| 3    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 55   |
| 4    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 49   |
| 5    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
Acq On : 22 Sep 2022 07:39  
Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

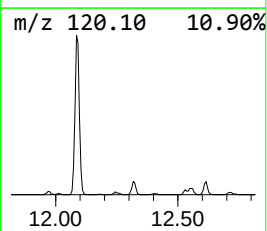
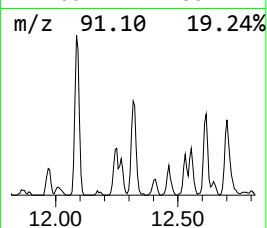
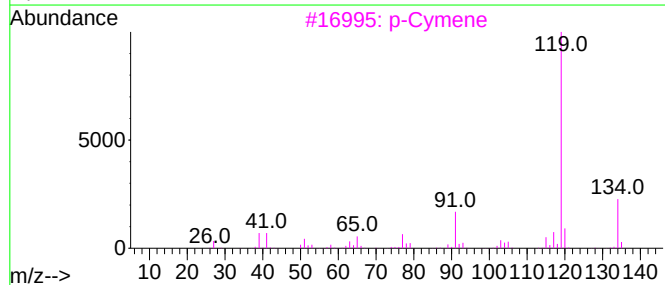
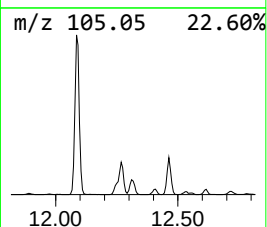
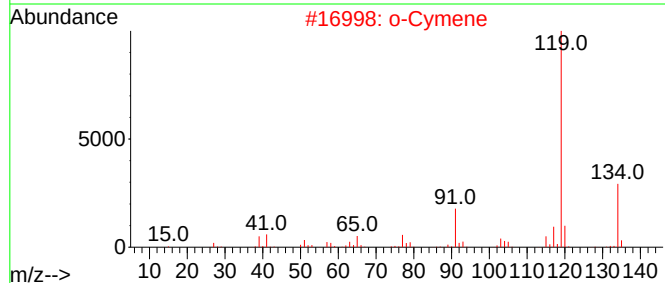
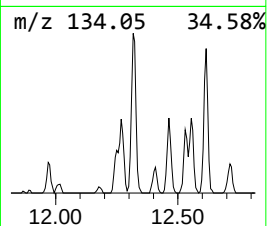
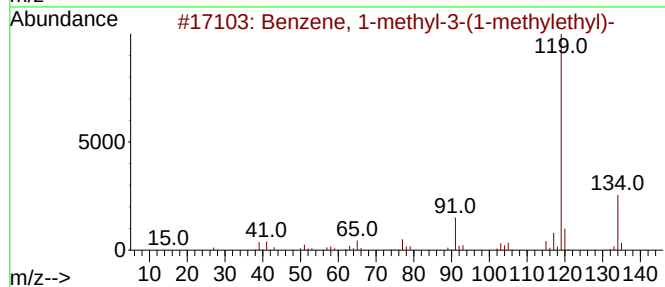
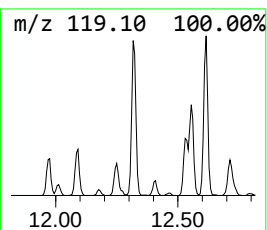
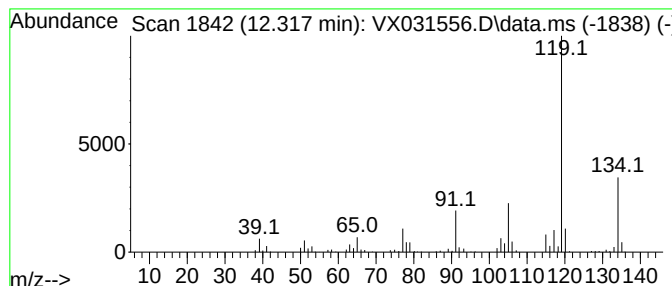
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.317 | 15.28 ug/l | 106645 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |
| 2    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 94   |
| 3    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 94   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 94   |
| 5    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 93   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
Acq On : 22 Sep 2022 07:39  
Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

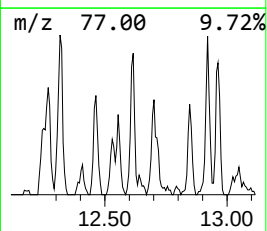
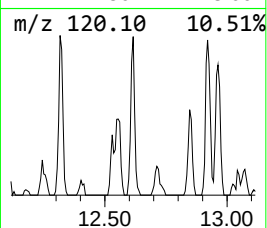
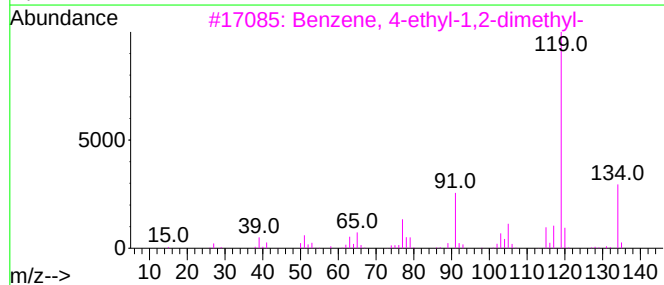
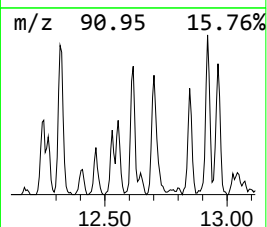
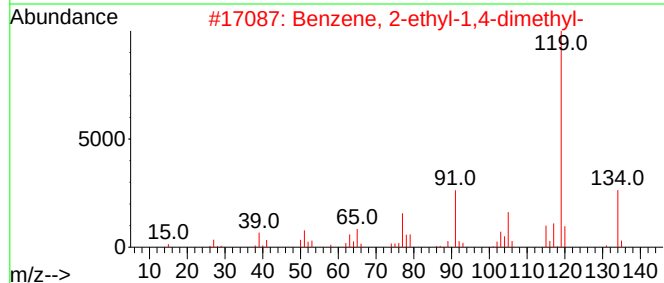
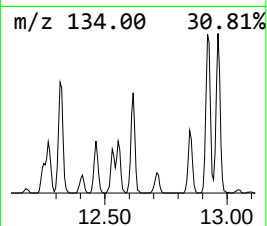
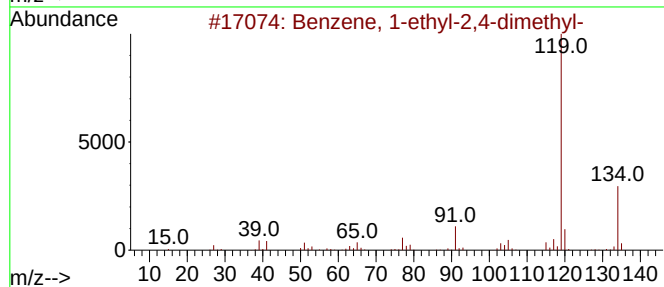
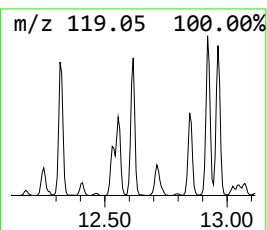
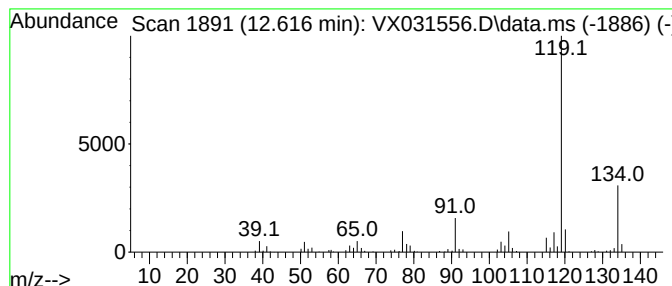
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 12.616 | 12.30 ug/l | 85859 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 97   |
| 2    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 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    |    |   | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
Acq On : 22 Sep 2022 07:39  
Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

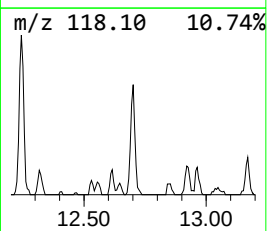
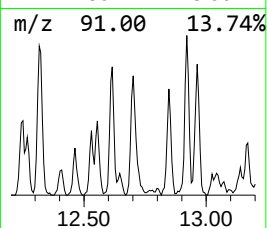
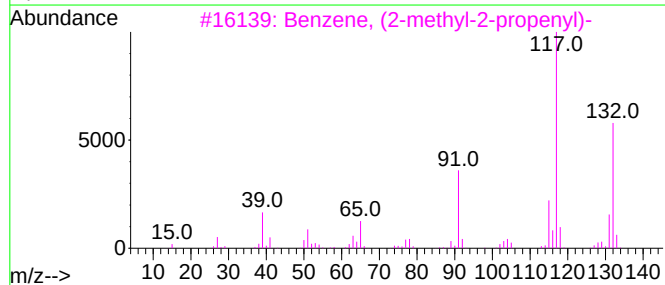
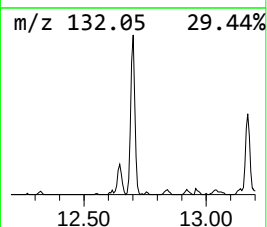
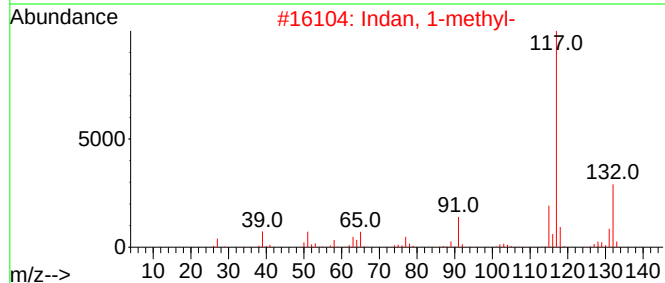
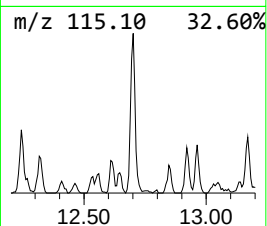
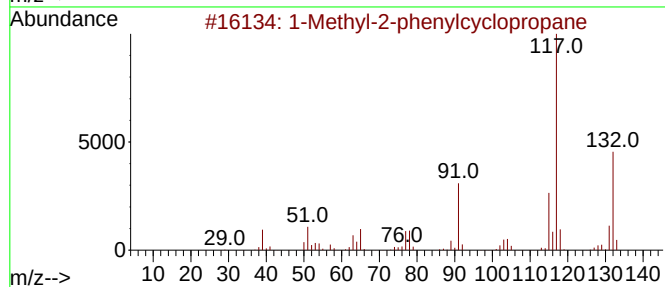
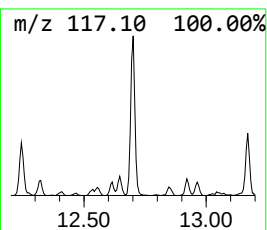
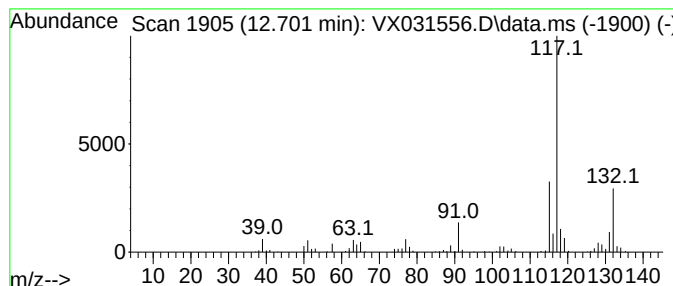
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 1-Methyl-2-phenylcyclopropane Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.701 | 18.91 ug/l | 131972 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Methyl-2-phenylcyclopropane   | 132 | C10H12  | 003145-76-4 | 87   |
| 2    |    |   | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8 | 87   |
| 3    |    |   | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12  | 003290-53-7 | 87   |
| 4    |    |   | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4 | 86   |
| 5    |    |   | Benzene, 2-butenyl-             | 132 | C10H12  | 001560-06-1 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
Acq On : 22 Sep 2022 07:39  
Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

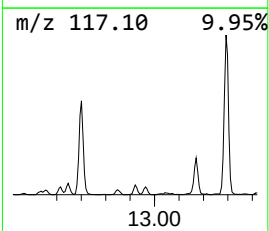
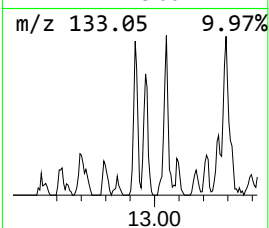
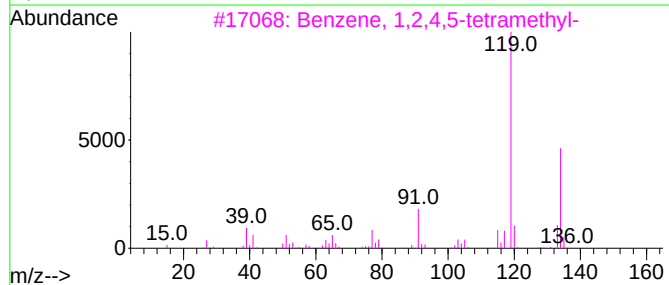
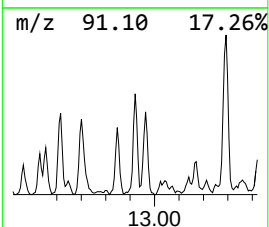
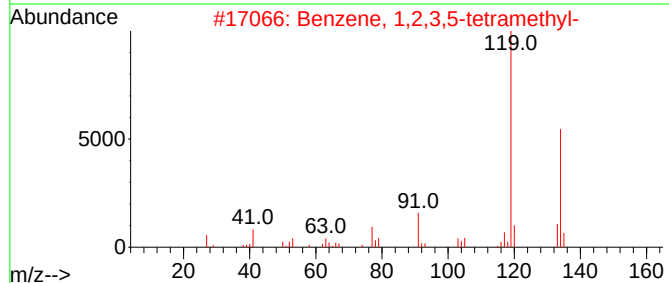
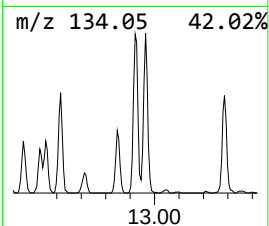
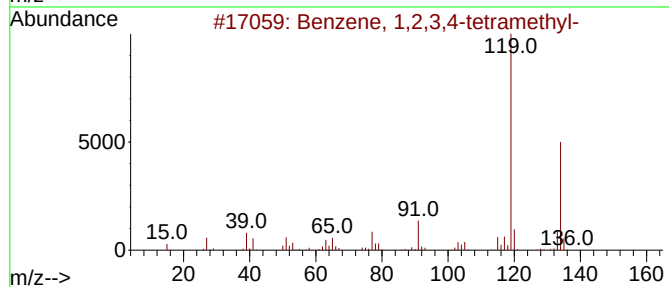
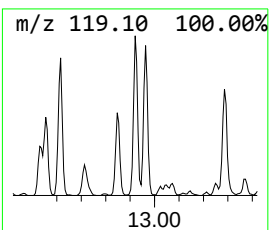
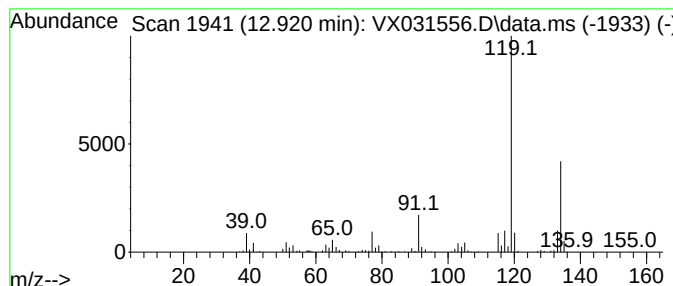
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.920 | 16.43 ug/l | 114708 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 97   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 96   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 96   |
| 4    |    |   | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 95   |
| 5    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
Acq On : 22 Sep 2022 07:39  
Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

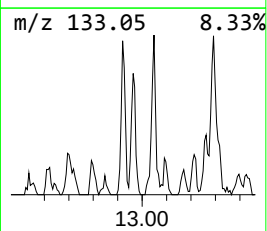
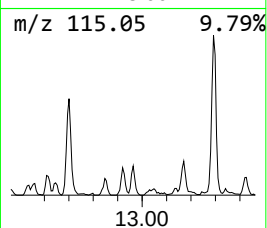
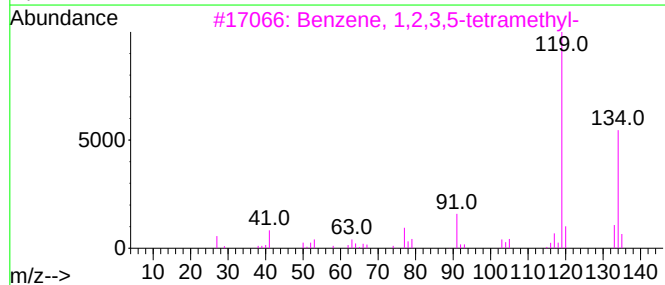
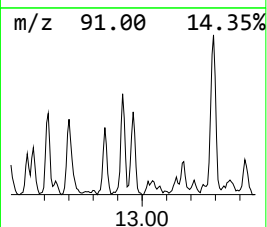
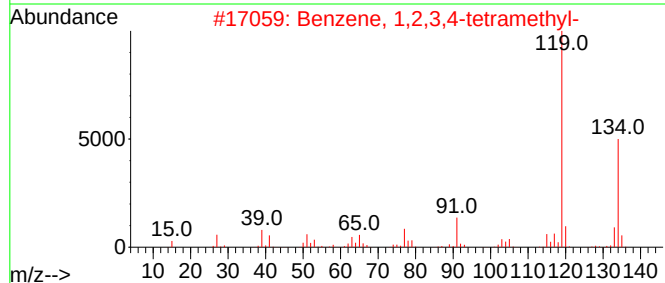
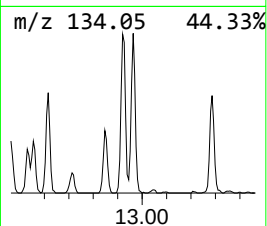
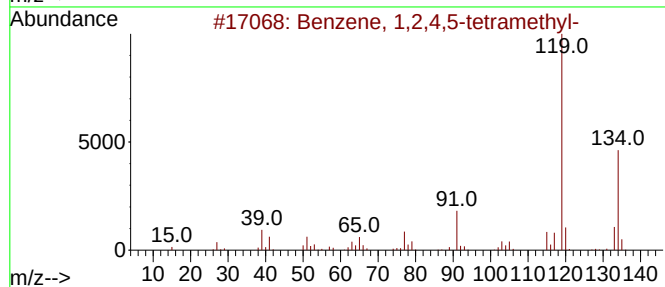
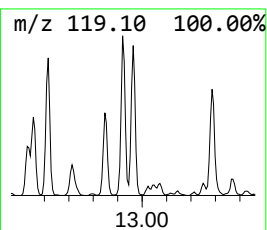
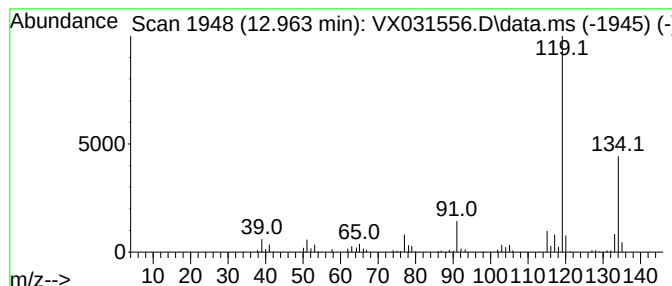
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 12.963 | 13.83 ug/l | 96558 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | 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-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 95   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
Acq On : 22 Sep 2022 07:39  
Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

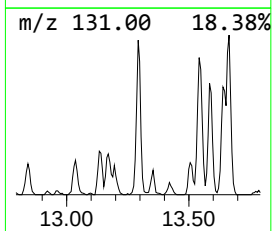
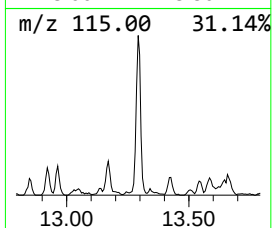
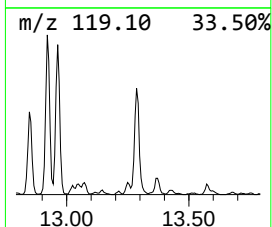
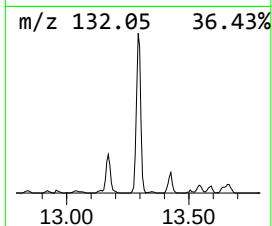
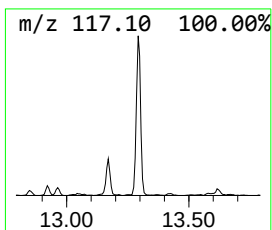
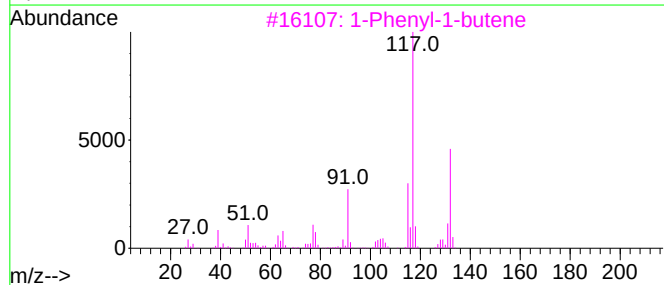
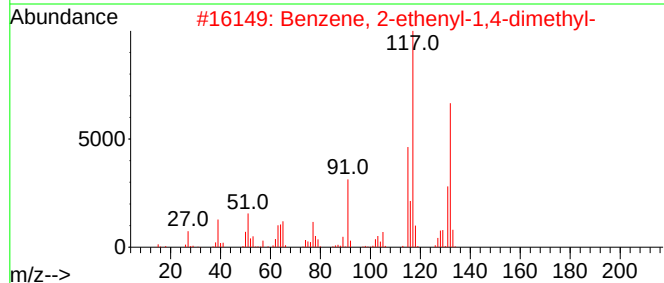
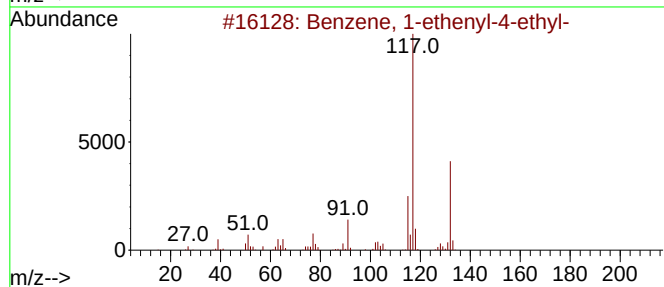
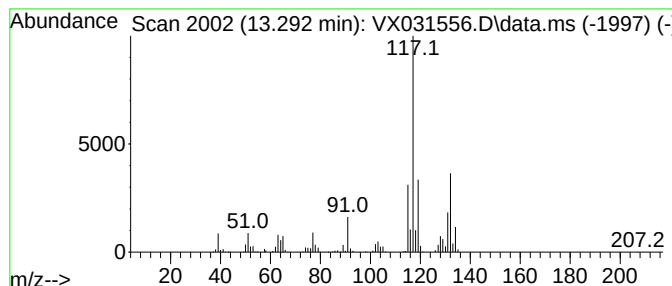
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.292 | 37.02 ug/l | 258403 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7 | 94   |
| 2    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 90   |
| 3    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 87   |
| 4    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 87   |
| 5    |    |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
Data File : VX031556.D  
Acq On : 22 Sep 2022 07:39  
Operator : JC/MD  
Sample : N4642-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9RR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzene, 1-ethy... | 11.378 | 13.8    | ug/l  | 96518    | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 1-ethy... | 11.610 | 33.8    | ug/l  | 236109   | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 1,2,3-... | 12.085 | 39.5    | ug/l  | 276003   | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 2-prop... | 12.244 | 9.6     | ug/l  | 66637    | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 1-meth... | 12.317 | 15.3    | ug/l  | 106645   | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 1-ethy... | 12.616 | 12.3    | ug/l  | 85859    | 4                     | 12.024 | 349010 | 50.0 |
| 1-Methyl-2-phen... | 12.701 | 18.9    | ug/l  | 131972   | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 16.4    | ug/l  | 114708   | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 1,2,4,... | 12.963 | 13.8    | ug/l  | 96558    | 4                     | 12.024 | 349010 | 50.0 |
| Benzene, 1-ethe... | 13.292 | 37.0    | ug/l  | 258403   | 4                     | 12.024 | 349010 | 50.0 |