

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
 Data File : VX020581.D  
 Acq On : 12 Jan 2021 15:45  
 Operator : JC/MD  
 Sample : M1083-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

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\82X011121W.M  
 Title : SW846 8260

Signal : TIC: VX020581.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         | 1.392       | 45            | 50          | 57           | rBV      | 219672         | 212711        | 5.55%           | 1.407%        |
| 2         | 4.562       | 556           | 570         | 593          | rBV      | 1414148        | 3834819       | 100.00%         | 25.366%       |
| 3         | 5.464       | 706           | 718         | 733          | rBV      | 122622         | 352309        | 9.19%           | 2.330%        |
| 4         | 5.629       | 733           | 745         | 760          | rVB      | 202059         | 570525        | 14.88%          | 3.774%        |
| 5         | 6.025       | 794           | 810         | 825          | rBV      | 121986         | 321807        | 8.39%           | 2.129%        |
| 6         | 6.830       | 932           | 942         | 955          | rBV      | 302544         | 705254        | 18.39%          | 4.665%        |
| 7         | 7.190       | 994           | 1001        | 1009         | rVB2     | 18908          | 43180         | 1.13%           | 0.286%        |
| 8         | 8.696       | 1240          | 1248        | 1255         | rBV      | 629203         | 958074        | 24.98%          | 6.337%        |
| 9         | 9.317       | 1344          | 1350        | 1357         | rVB      | 91371          | 134071        | 3.50%           | 0.887%        |
| 10        | 10.092      | 1471          | 1477        | 1488         | rVB      | 621766         | 852762        | 22.24%          | 5.641%        |
| 11        | 10.342      | 1505          | 1518        | 1524         | rBV      | 72401          | 105952        | 2.76%           | 0.701%        |
| 12        | 10.683      | 1569          | 1574        | 1579         | rBV      | 42123          | 54953         | 1.43%           | 0.363%        |
| 13        | 10.805      | 1589          | 1594        | 1604         | rVB      | 81467          | 103954        | 2.71%           | 0.688%        |
| 14        | 11.122      | 1640          | 1646        | 1657         | rBV      | 540048         | 690524        | 18.01%          | 4.568%        |
| 15        | 11.415      | 1689          | 1694        | 1702         | rVV      | 97094          | 177460        | 4.63%           | 1.174%        |
| 16        | 11.488      | 1702          | 1706        | 1716         | rVB      | 58188          | 82220         | 2.14%           | 0.544%        |
| 17        | 11.652      | 1725          | 1733        | 1743         | rBV      | 59448          | 83689         | 2.18%           | 0.554%        |
| 18        | 11.793      | 1751          | 1756        | 1761         | rVB      | 209141         | 252710        | 6.59%           | 1.672%        |
| 19        | 11.872      | 1765          | 1769        | 1775         | rBV      | 55704          | 76887         | 2.00%           | 0.509%        |
| 20        | 12.061      | 1795          | 1800        | 1806         | rVV      | 718479         | 879179        | 22.93%          | 5.815%        |
| 21        | 12.128      | 1806          | 1811        | 1821         | rVB      | 94758          | 122945        | 3.21%           | 0.813%        |
| 22        | 12.280      | 1828          | 1836        | 1839         | rBV2     | 95131          | 144862        | 3.78%           | 0.958%        |
| 23        | 12.305      | 1839          | 1840        | 1844         | rVV      | 62193          | 52164         | 1.36%           | 0.345%        |
| 24        | 12.353      | 1844          | 1848        | 1855         | rVB3     | 96040          | 147466        | 3.85%           | 0.975%        |
| 25        | 12.500      | 1868          | 1872        | 1877         | rVB      | 37716          | 47914         | 1.25%           | 0.317%        |
| 26        | 12.567      | 1879          | 1883        | 1885         | rBV      | 56768          | 71369         | 1.86%           | 0.472%        |
| 27        | 12.591      | 1885          | 1887        | 1891         | rVV      | 56287          | 63429         | 1.65%           | 0.420%        |
| 28        | 12.652      | 1892          | 1897        | 1900         | rVV      | 95271          | 114458        | 2.98%           | 0.757%        |
| 29        | 12.737      | 1906          | 1911        | 1919         | rBV2     | 84041          | 143754        | 3.75%           | 0.951%        |
| 30        | 12.884      | 1930          | 1935        | 1940         | rVB2     | 34011          | 47362         | 1.24%           | 0.313%        |
| 31        | 12.957      | 1940          | 1947        | 1951         | rBV      | 60755          | 83726         | 2.18%           | 0.554%        |
| 32        | 13.000      | 1951          | 1954        | 1960         | rVB      | 93991          | 115413        | 3.01%           | 0.763%        |
| 33        | 13.207      | 1984          | 1988        | 1992         | rVB2     | 93299          | 119944        | 3.13%           | 0.793%        |
| 34        | 13.292      | 1998          | 2002        | 2004         | rBV2     | 31123          | 47193         | 1.23%           | 0.312%        |
| 35        | 13.329      | 2004          | 2008        | 2013         | rVB2     | 219137         | 291587        | 7.60%           | 1.929%        |
| 36        | 13.463      | 2026          | 2030        | 2038         | rVB      | 92340          | 126427        | 3.30%           | 0.836%        |

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 Sample : M1083-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

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\82X011121W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 13.542 | 2038 | 2043 | 2046 | rBV2 | 31112  | 42857  | 1.12%  | 0.283% |
| 38 | 13.579 | 2046 | 2049 | 2052 | rVV  | 55900  | 76367  | 1.99%  | 0.505% |
| 39 | 13.621 | 2052 | 2056 | 2062 | rVV3 | 69408  | 138233 | 3.60%  | 0.914% |
| 40 | 13.701 | 2066 | 2069 | 2075 | rVB2 | 67246  | 105767 | 2.76%  | 0.700% |
| 41 | 13.817 | 2081 | 2088 | 2094 | rVB  | 101033 | 143300 | 3.74%  | 0.948% |
| 42 | 13.890 | 2094 | 2100 | 2106 | rVB2 | 52453  | 85917  | 2.24%  | 0.568% |
| 43 | 13.963 | 2106 | 2112 | 2117 | rBV2 | 71406  | 112926 | 2.94%  | 0.747% |
| 44 | 14.115 | 2133 | 2137 | 2141 | rBV  | 70545  | 85106  | 2.22%  | 0.563% |
| 45 | 14.268 | 2155 | 2162 | 2169 | rBV3 | 119951 | 236035 | 6.16%  | 1.561% |
| 46 | 14.359 | 2173 | 2177 | 2182 | rVV  | 40216  | 48907  | 1.28%  | 0.324% |
| 47 | 14.414 | 2182 | 2186 | 2190 | rVB  | 71652  | 89148  | 2.32%  | 0.590% |
| 48 | 14.518 | 2198 | 2203 | 2208 | rBV2 | 76143  | 115125 | 3.00%  | 0.762% |
| 49 | 14.676 | 2221 | 2229 | 2233 | rBV  | 314416 | 470058 | 12.26% | 3.109% |
| 50 | 14.713 | 2233 | 2235 | 2240 | rVB  | 46734  | 50907  | 1.33%  | 0.337% |
| 51 | 14.822 | 2246 | 2253 | 2256 | rVV  | 172836 | 238207 | 6.21%  | 1.576% |
| 52 | 14.853 | 2256 | 2258 | 2261 | rVV2 | 30650  | 41601  | 1.08%  | 0.275% |
| 53 | 15.225 | 2313 | 2319 | 2327 | rBV2 | 58486  | 126392 | 3.30%  | 0.836% |
| 54 | 15.420 | 2346 | 2351 | 2355 | rBV2 | 50159  | 76945  | 2.01%  | 0.509% |
| 55 | 15.524 | 2361 | 2368 | 2374 | rBV  | 105699 | 189700 | 4.95%  | 1.255% |
| 56 | 15.664 | 2386 | 2391 | 2394 | rBV  | 127830 | 195498 | 5.10%  | 1.293% |
| 57 | 15.700 | 2394 | 2397 | 2405 | rVB  | 74738  | 116909 | 3.05%  | 0.773% |
| 58 | 15.889 | 2419 | 2428 | 2443 | rVB2 | 33629  | 99038  | 2.58%  | 0.655% |

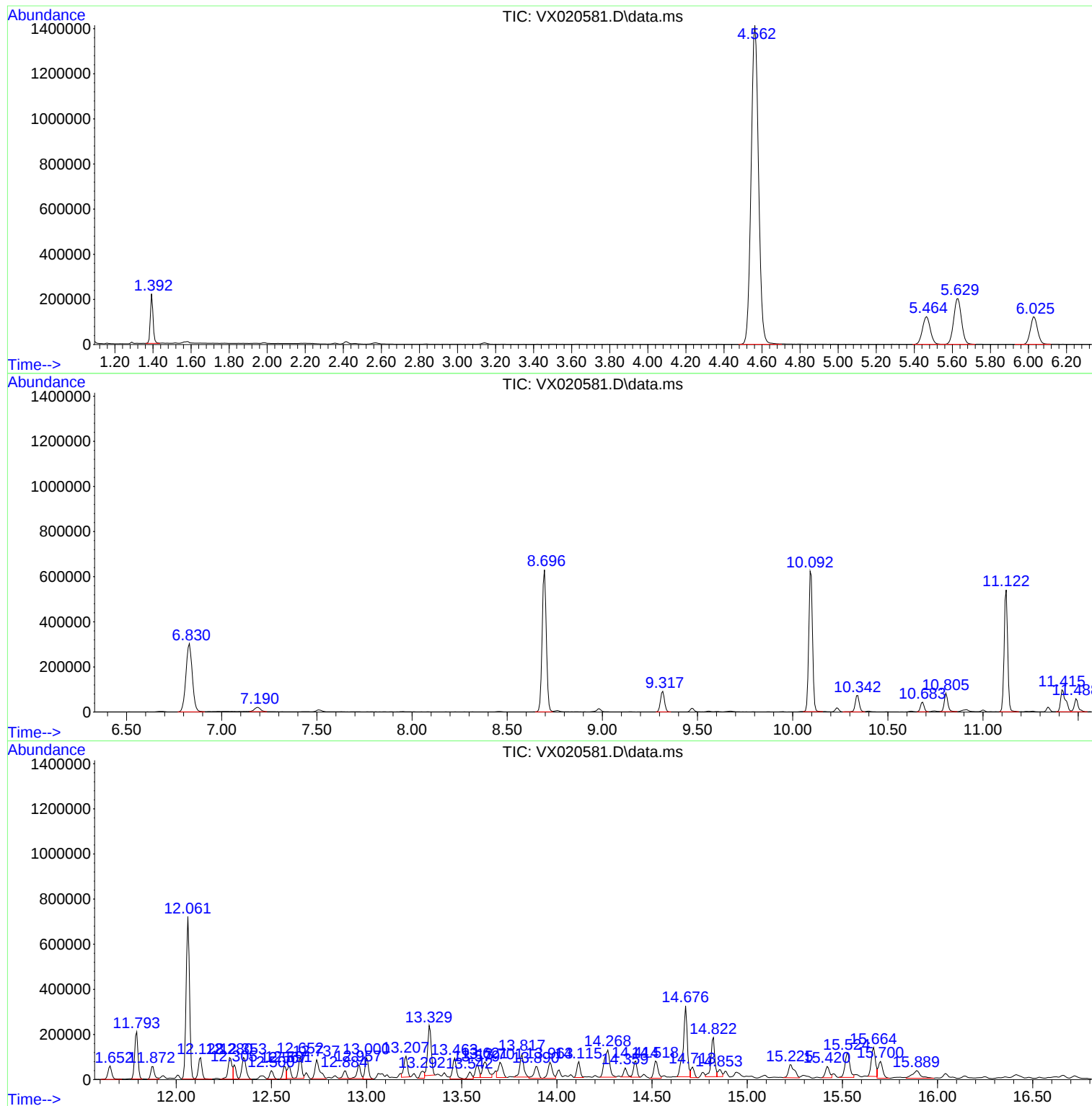
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Data File : VX020581.D  
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Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

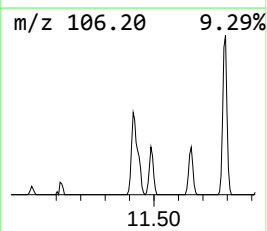
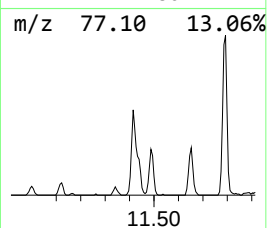
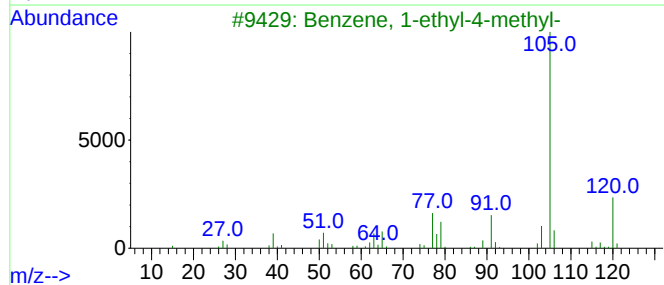
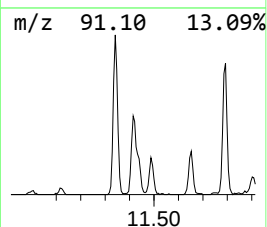
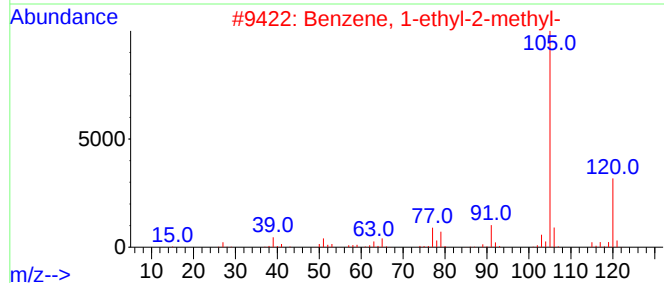
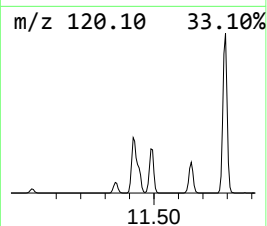
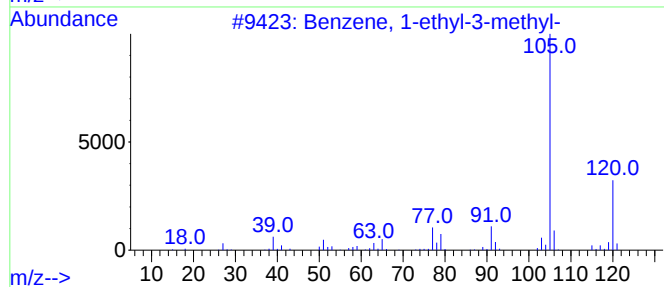
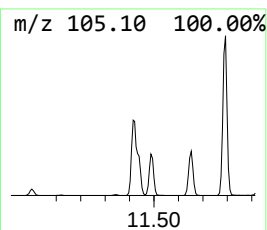
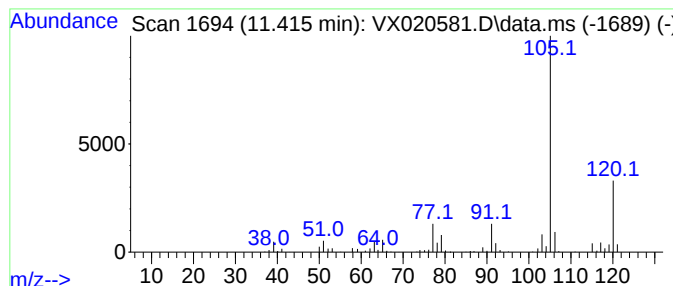
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X01121W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.415 | 10.09 ug/l | 177460 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 97   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 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 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
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Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-6

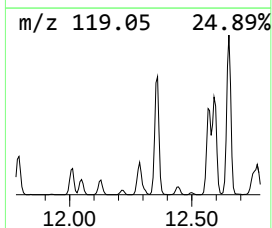
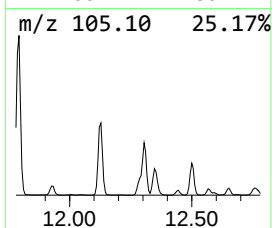
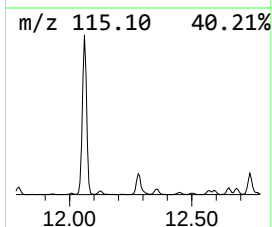
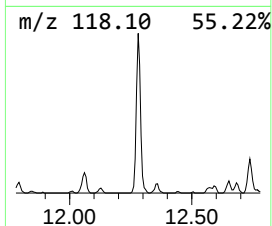
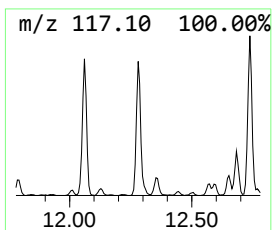
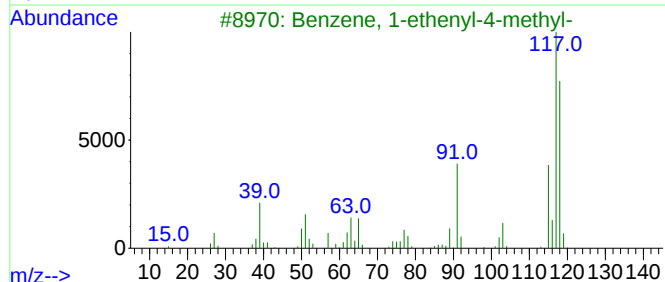
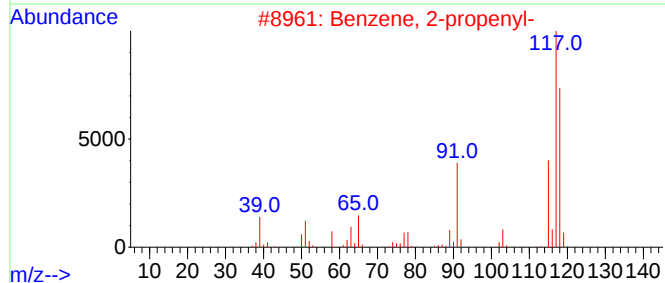
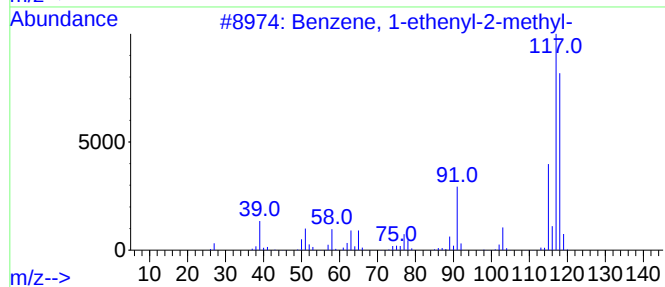
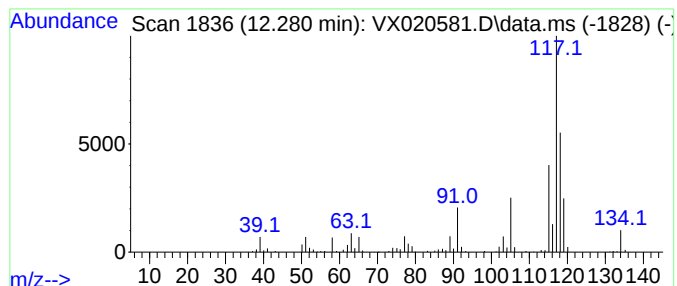
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 1-ethenyl-2-methyl- Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.280 | 8.24 ug/l | 144862 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 92   |
| 2    |    |   | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 60   |
| 3    |    |   | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10   | 000622-97-9 | 60   |
| 4    |    |   | Indane                       | 118 | C9H10   | 000496-11-7 | 60   |
| 5    |    |   | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 60   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX011221\  
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Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260

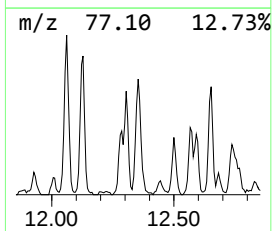
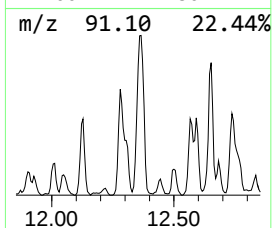
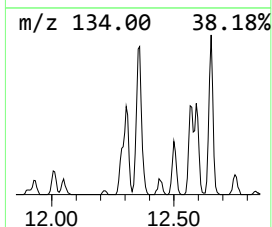
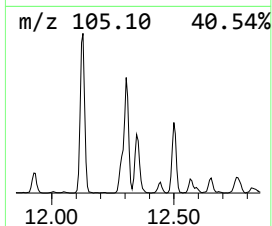
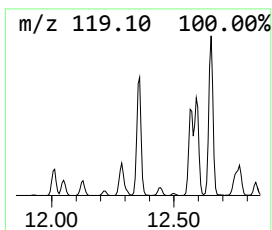
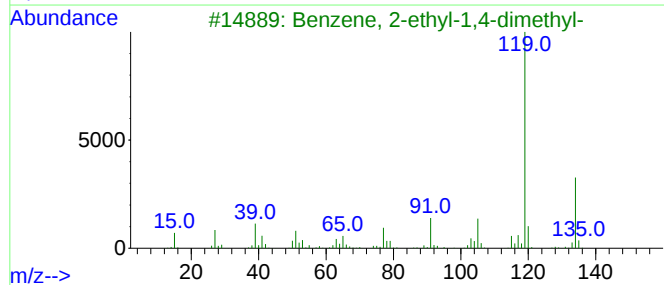
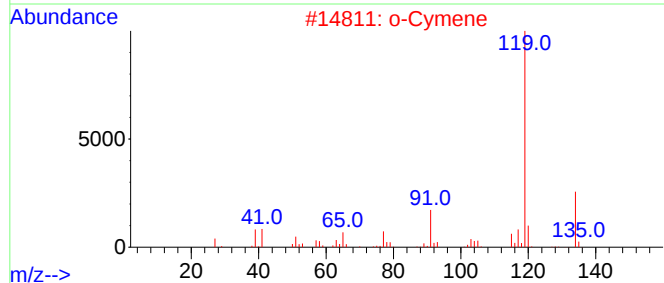
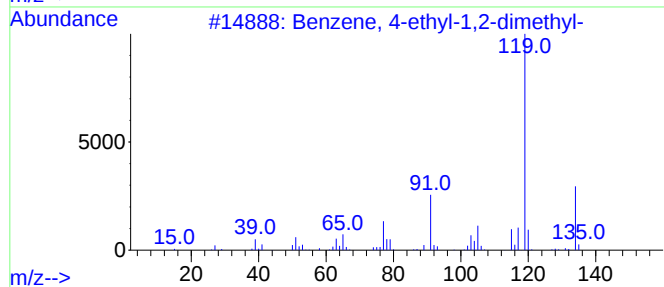
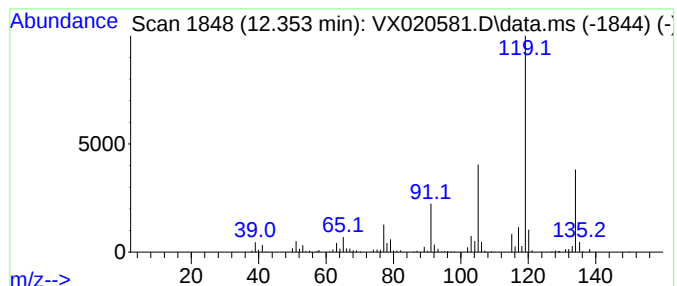
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.353 | 8.39 ug/l | 147466 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 95   |
| 2    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 94   |
| 4    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 94   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



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Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

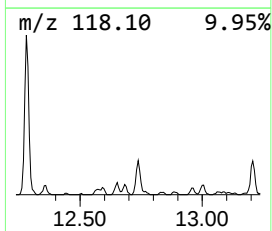
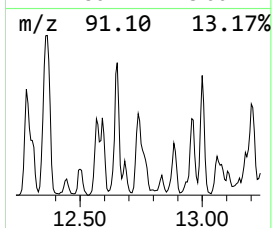
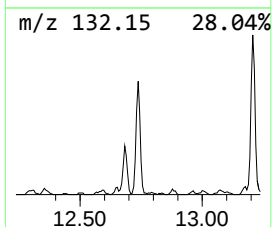
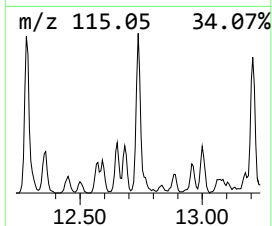
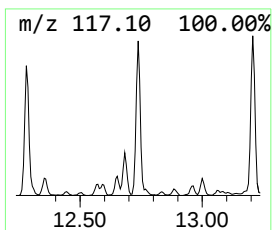
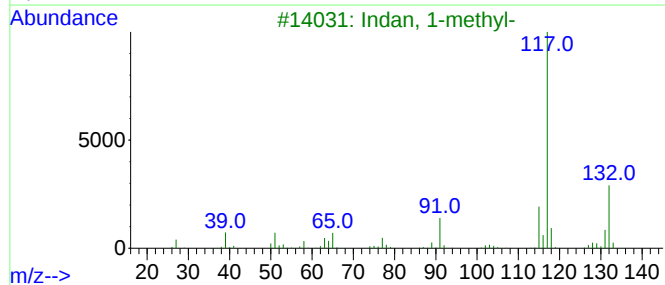
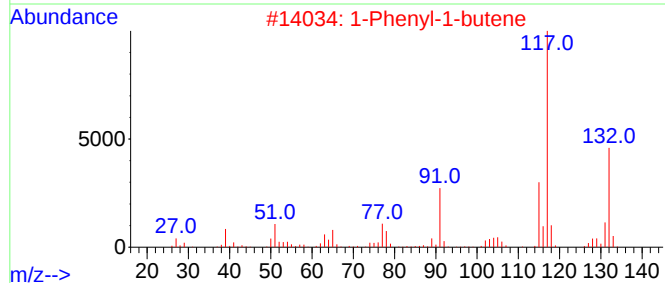
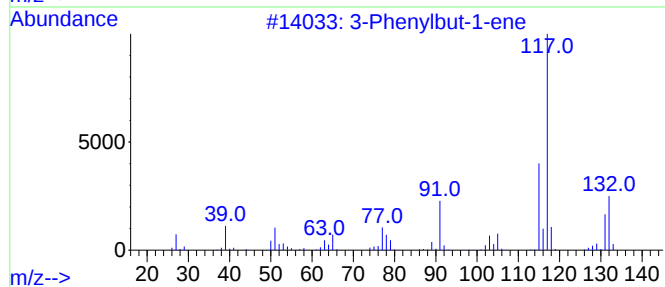
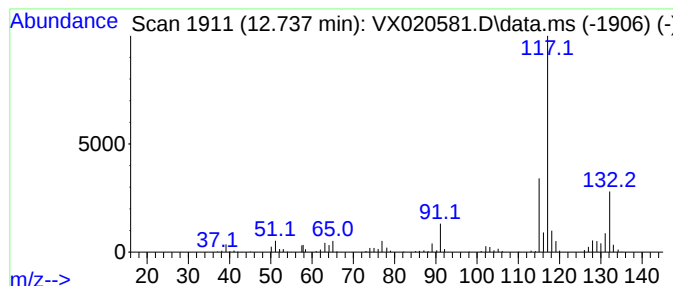
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 3-Phenylbut-1-ene Concentration Rank 10

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.738 | 8.18 ug/l | 143754 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 87   |
| 2    |    |   | 1-Phenyl-1-butene                | 132 | C10H12  | 000824-90-8 | 87   |
| 3    |    |   | Indan, 1-methyl-                 | 132 | C10H12  | 000767-58-8 | 87   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12  | 000824-63-5 | 86   |
| 5    |    |   | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260

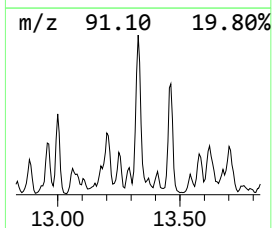
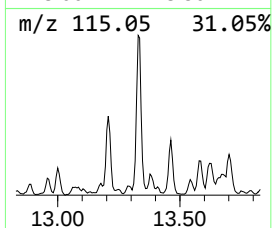
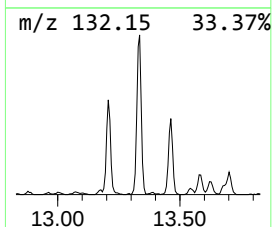
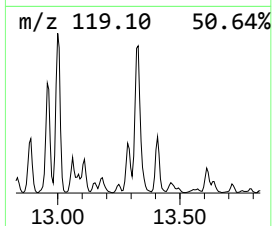
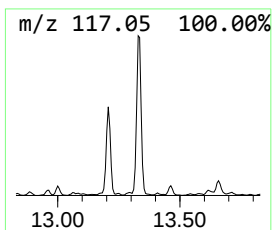
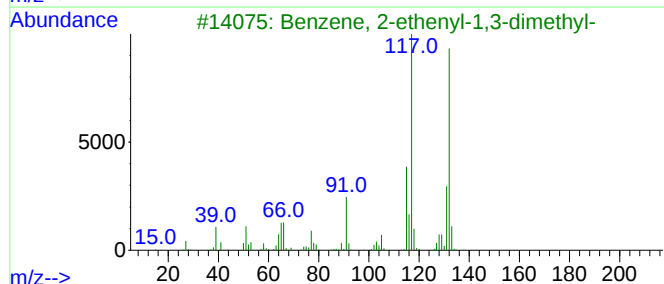
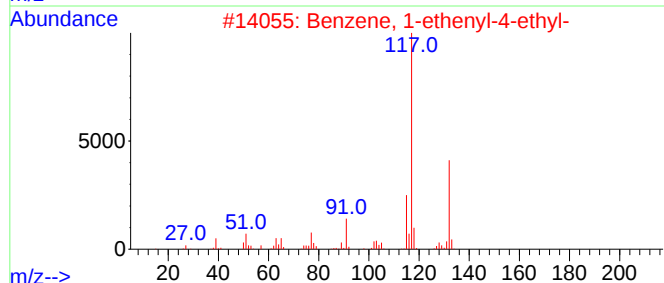
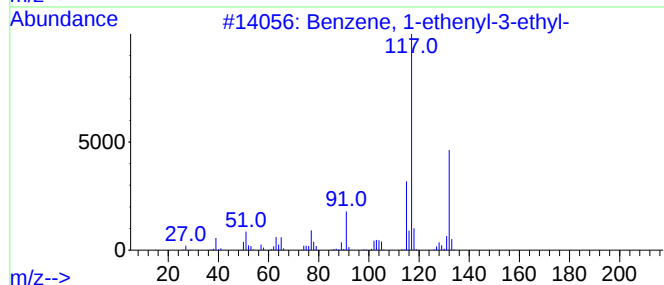
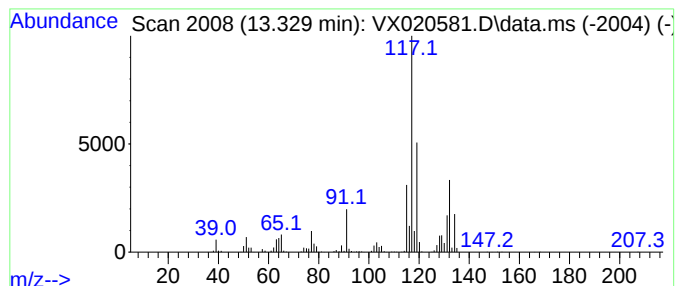
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.329 | 16.58 ug/l | 291587 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 70   |
| 2    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 70   |
| 3    |    |   | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12  | 002039-90-9 | 70   |
| 4    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 70   |
| 5    |    |   | Indan, 1-methyl-                 | 132 | C10H12  | 000767-58-8 | 62   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X01121W.M  
Quant Title : SW846 8260

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

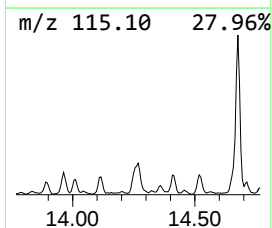
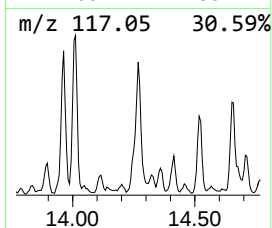
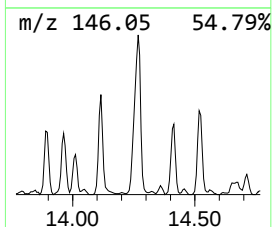
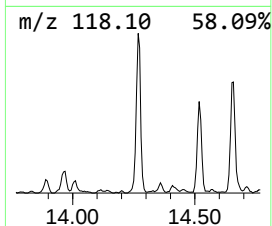
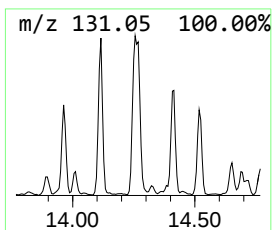
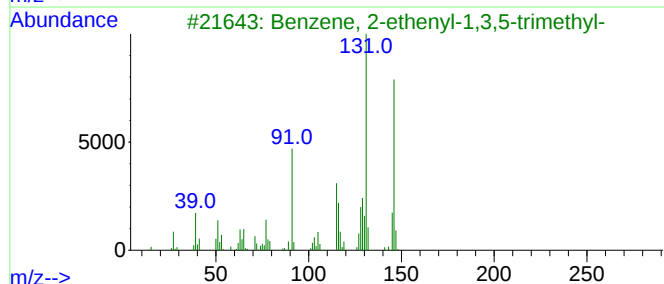
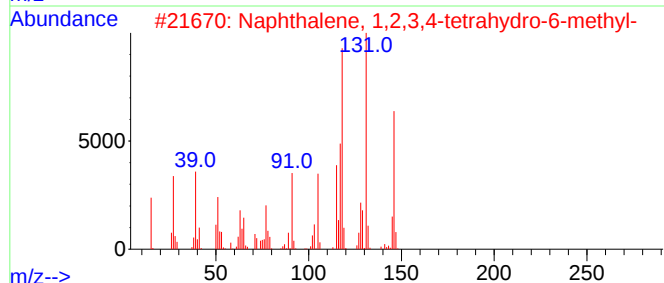
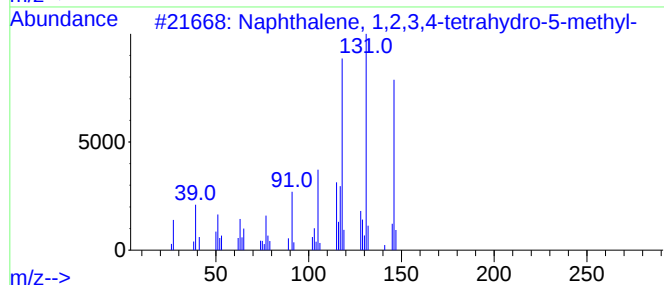
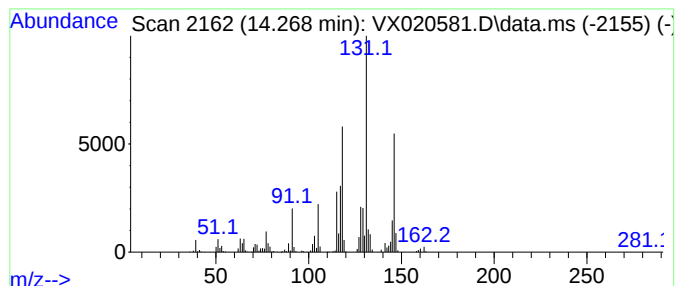
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Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.268 | 13.42 ug/l | 236035 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 93   |
| 2    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 93   |
| 3    |      | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14  | 000769-25-5 | 86   |
| 4    |      | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 70   |
| 5    |      | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 68   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260

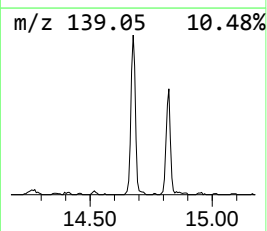
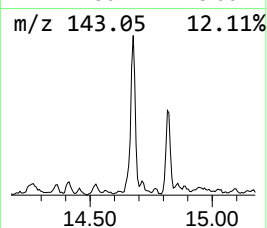
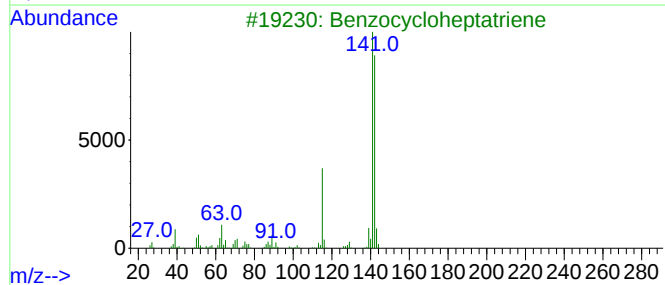
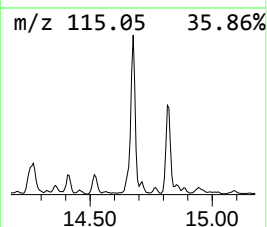
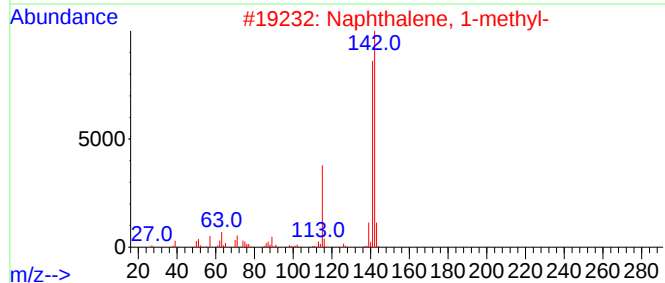
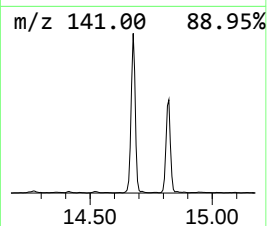
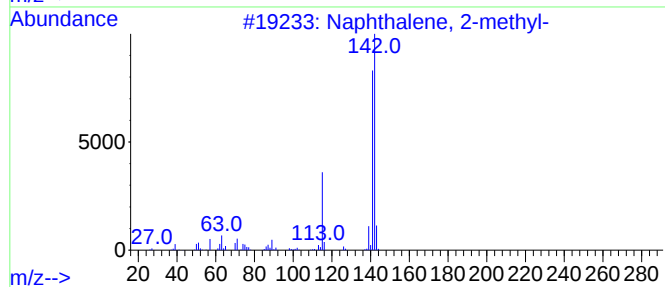
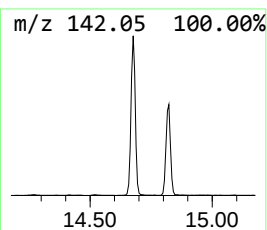
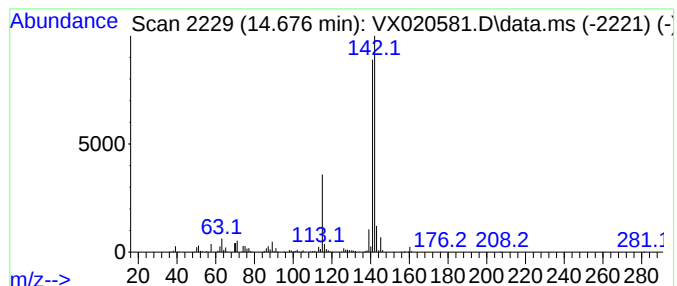
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.676 | 26.73 ug/l | 470058 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 2    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 3    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 4    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 5    |    |   | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

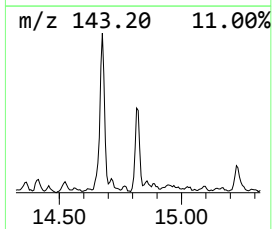
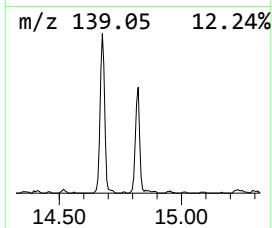
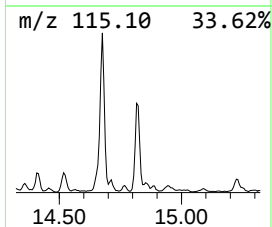
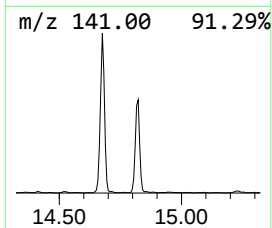
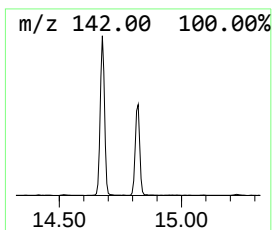
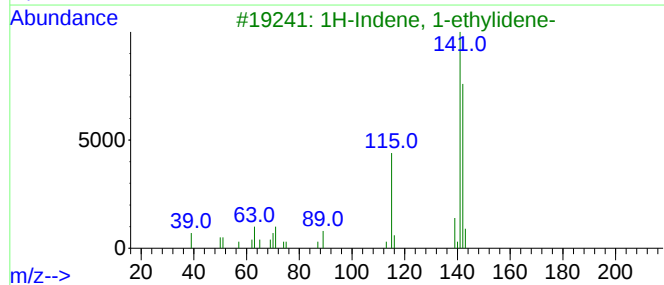
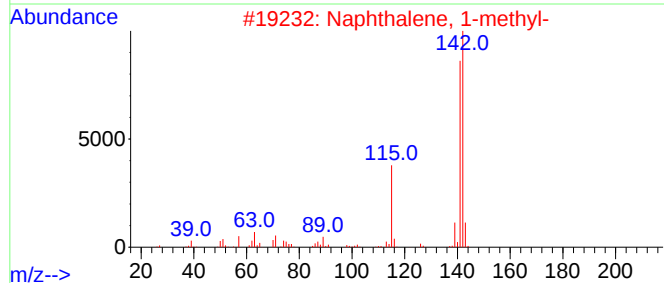
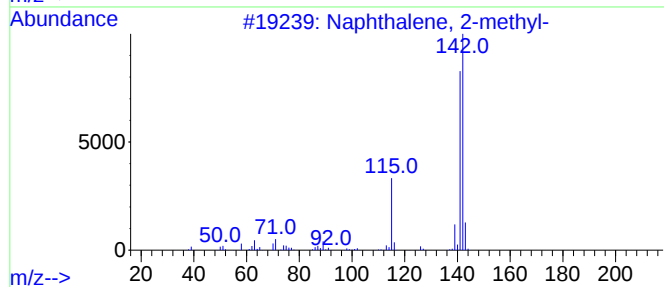
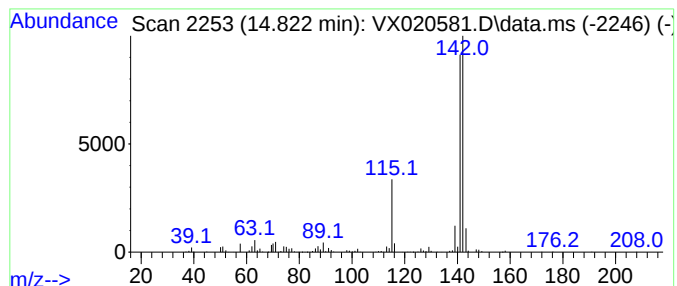
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Quant Title : SW846 8260

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

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Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.823 | 13.55 ug/l | 238207 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 2    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 3    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 95   |
| 4    |    |   | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 91   |
| 5    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

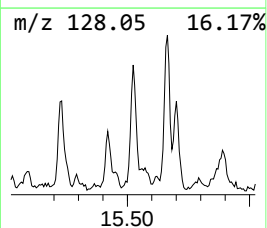
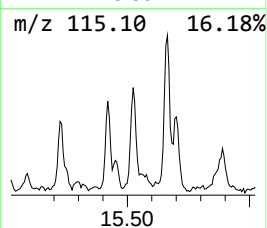
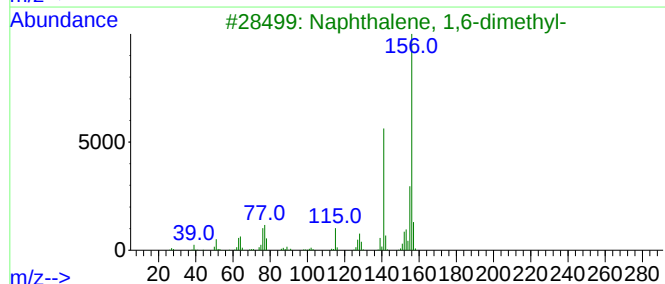
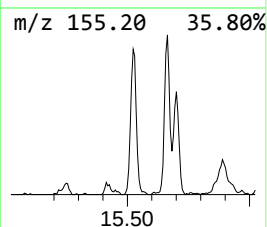
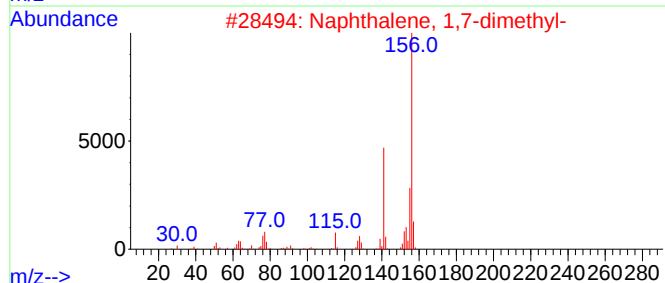
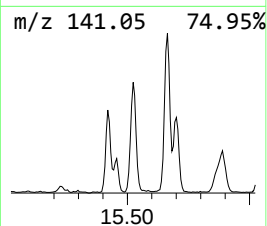
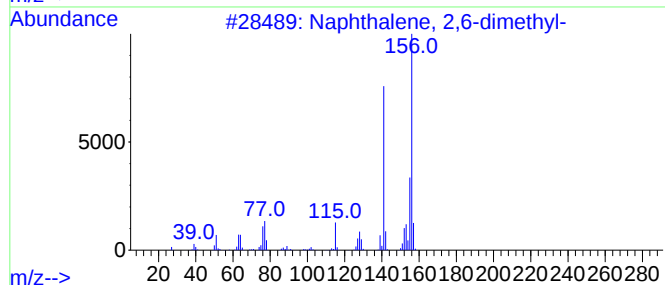
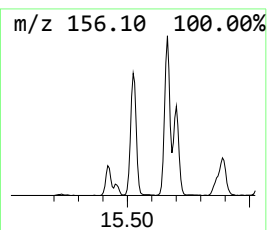
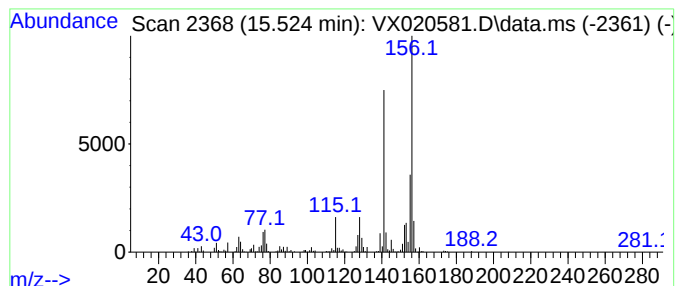
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X01121W.M  
Quant Title : SW846 8260

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

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Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.524 | 10.79 ug/l | 189700 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 2    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 3    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 5    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

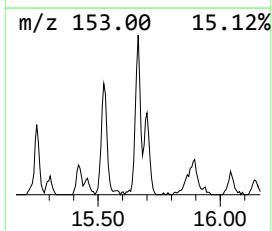
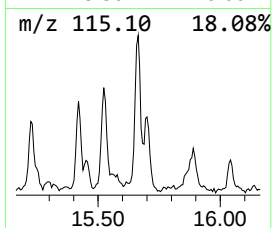
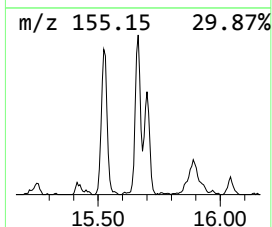
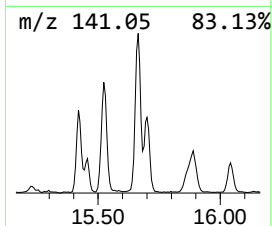
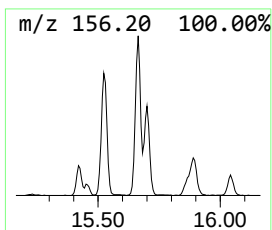
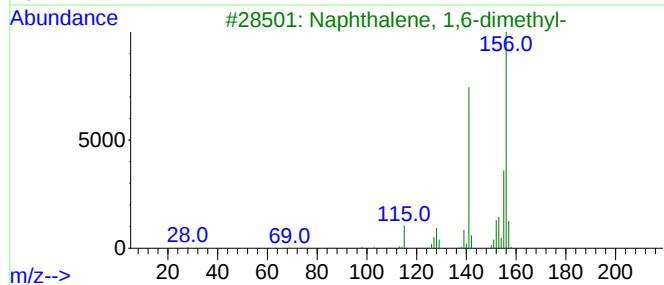
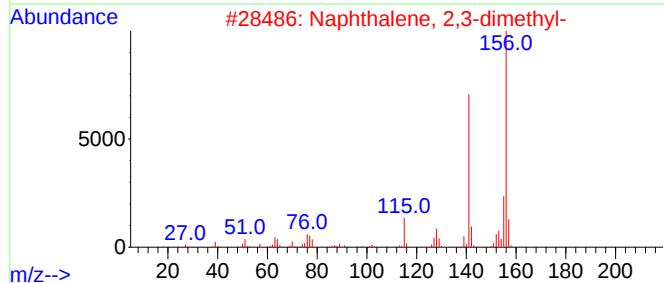
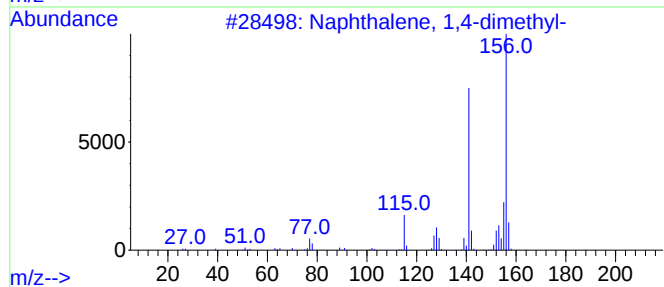
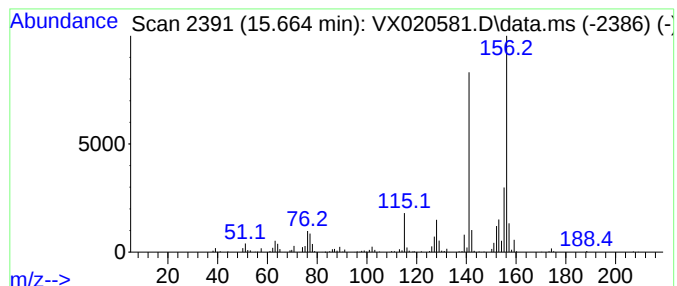
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.664 | 11.12 ug/l | 195498 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 2    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 5    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011221\  
Data File : VX020581.D  
Acq On : 12 Jan 2021 15:45  
Operator : JC/MD  
Sample : M1083-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.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 |
| Benzene, 1-ethy... | 11.415 | 10.1    | ug/l  | 177460   | 4                     | 12.061 | 879179 | 50.0 |
| Benzene, 1-ethe... | 12.280 | 8.2     | ug/l  | 144862   | 4                     | 12.061 | 879179 | 50.0 |
| Benzene, 4-ethy... | 12.353 | 8.4     | ug/l  | 147466   | 4                     | 12.061 | 879179 | 50.0 |
| 3-Phenylbut-1-ene  | 12.738 | 8.2     | ug/l  | 143754   | 4                     | 12.061 | 879179 | 50.0 |
| Benzene, 1-ethe... | 13.329 | 16.6    | ug/l  | 291587   | 4                     | 12.061 | 879179 | 50.0 |
| Naphthalene, 1,... | 14.268 | 13.4    | ug/l  | 236035   | 4                     | 12.061 | 879179 | 50.0 |
| Naphthalene, 2-... | 14.676 | 26.7    | ug/l  | 470058   | 4                     | 12.061 | 879179 | 50.0 |
| Naphthalene, 1-... | 14.823 | 13.6    | ug/l  | 238207   | 4                     | 12.061 | 879179 | 50.0 |
| Naphthalene, 2,... | 15.524 | 10.8    | ug/l  | 189700   | 4                     | 12.061 | 879179 | 50.0 |
| Naphthalene, 1,... | 15.664 | 11.1    | ug/l  | 195498   | 4                     | 12.061 | 879179 | 50.0 |