

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
 Data File : VY019684.D  
 Acq On : 24 Sep 2024 15:55  
 Operator : SY/MD  
 Sample : P4144-06  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 2-SBG

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\_Y\methods\82Y090924S.M

Title : SW846 8260

Signal : TIC: VY019684.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         | 7.701       | 973           | 981         | 990          | rVB4     | 1160247        | 3159684       | 1.54%           | 0.239%        |
| 2         | 8.079       | 1031          | 1043        | 1056         | rBV2     | 43362567       | 102170269     | 49.84%          | 7.741%        |
| 3         | 9.109       | 1196          | 1212        | 1219         | rBV      | 2212300        | 4751512       | 2.32%           | 0.360%        |
| 4         | 10.176      | 1379          | 1387        | 1399         | rVB3     | 56747823       | 122233246     | 59.62%          | 9.261%        |
| 5         | 10.298      | 1399          | 1407        | 1417         | rVB2     | 1733623        | 3481121       | 1.70%           | 0.264%        |
| 6         | 11.517      | 1600          | 1607        | 1616         | rBV      | 15048416       | 24296529      | 11.85%          | 1.841%        |
| 7         | 11.627      | 1616          | 1625        | 1635         | rVB2     | 71034494       | 159009257     | 77.56%          | 12.048%       |
| 8         | 11.962      | 1673          | 1680        | 1691         | rVB5     | 73216138       | 153158527     | 74.71%          | 11.605%       |
| 9         | 12.255      | 1723          | 1728        | 1733         | rBV      | 1443387        | 2110666       | 1.03%           | 0.160%        |
| 10        | 12.529      | 1768          | 1773        | 1778         | rBV      | 1671461        | 2397395       | 1.17%           | 0.182%        |
| 11        | 12.596      | 1778          | 1784        | 1789         | rVB      | 2932369        | 4283965       | 2.09%           | 0.325%        |
| 12        | 12.657      | 1789          | 1794        | 1798         | rBV      | 15770425       | 25384401      | 12.38%          | 1.923%        |
| 13        | 12.688      | 1798          | 1799        | 1803         | rVV      | 5825362        | 7215171       | 3.52%           | 0.547%        |
| 14        | 12.737      | 1803          | 1807        | 1813         | rVB      | 35916806       | 53149767      | 25.93%          | 4.027%        |
| 15        | 12.901      | 1826          | 1834        | 1842         | rBV3     | 8046724        | 16512893      | 8.05%           | 1.251%        |
| 16        | 13.048      | 1851          | 1858        | 1862         | rBV2     | 57921213       | 93562671      | 45.64%          | 7.089%        |
| 17        | 13.096      | 1862          | 1866        | 1870         | rVV      | 15098635       | 21497280      | 10.49%          | 1.629%        |
| 18        | 13.145      | 1870          | 1874        | 1883         | rVB2     | 3979702        | 6730383       | 3.28%           | 0.510%        |
| 19        | 13.261      | 1883          | 1893        | 1904         | rBV2     | 5289180        | 12449896      | 6.07%           | 0.943%        |
| 20        | 13.377      | 1904          | 1912        | 1917         | rVV      | 25485602       | 41062533      | 20.03%          | 3.111%        |
| 21        | 13.419      | 1917          | 1919        | 1928         | rVB2     | 4991931        | 6420390       | 3.13%           | 0.486%        |
| 22        | 13.548      | 1935          | 1940        | 1944         | rBV      | 9166781        | 12704081      | 6.20%           | 0.963%        |
| 23        | 13.584      | 1944          | 1946        | 1954         | rVB2     | 3829983        | 5252635       | 2.56%           | 0.398%        |
| 24        | 13.676      | 1957          | 1961        | 1964         | rVB      | 1974852        | 2353902       | 1.15%           | 0.178%        |
| 25        | 13.730      | 1964          | 1970        | 1978         | rVB3     | 62931368       | 124104867     | 60.54%          | 9.403%        |
| 26        | 13.810      | 1978          | 1983        | 1984         | rBV      | 1652892        | 2313572       | 1.13%           | 0.175%        |
| 27        | 13.834      | 1984          | 1987        | 1992         | rVV      | 1603928        | 2205695       | 1.08%           | 0.167%        |
| 28        | 13.889      | 1992          | 1996        | 2001         | rVB      | 3120450        | 4696493       | 2.29%           | 0.356%        |
| 29        | 13.999      | 2009          | 2014        | 2016         | rBV      | 1524782        | 2183623       | 1.07%           | 0.165%        |
| 30        | 14.029      | 2016          | 2019        | 2024         | rVB2     | 1855088        | 2524638       | 1.23%           | 0.191%        |
| 31        | 14.188      | 2040          | 2045        | 2047         | rBV2     | 2578929        | 4168794       | 2.03%           | 0.316%        |
| 32        | 14.212      | 2047          | 2049        | 2052         | rVV      | 2525464        | 3325648       | 1.62%           | 0.252%        |
| 33        | 14.255      | 2052          | 2056        | 2068         | rVV2     | 5449788        | 13117164      | 6.40%           | 0.994%        |
| 34        | 14.535      | 2098          | 2102        | 2106         | rVB      | 2272003        | 3033499       | 1.48%           | 0.230%        |
| 35        | 14.590      | 2106          | 2111        | 2118         | rBV3     | 3985185        | 7613411       | 3.71%           | 0.577%        |
| 36        | 14.663      | 2118          | 2123        | 2131         | rVB      | 4882993        | 7755706       | 3.78%           | 0.588%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
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Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

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\_Y\methods\82Y090924S.M  
Title : SW846 8260

|    |        |      |      |      |      |          |           |         |         |
|----|--------|------|------|------|------|----------|-----------|---------|---------|
| 37 | 14.749 | 2131 | 2137 | 2143 | rVB  | 6791329  | 10549963  | 5.15%   | 0.799%  |
| 38 | 15.151 | 2193 | 2203 | 2212 | rVV5 | 73955018 | 205006524 | 100.00% | 15.533% |
| 39 | 15.242 | 2212 | 2218 | 2225 | rVV  | 6271237  | 10524599  | 5.13%   | 0.797%  |
| 40 | 15.340 | 2229 | 2234 | 2241 | rVB  | 1912589  | 2848785   | 1.39%   | 0.216%  |
| 41 | 16.175 | 2364 | 2371 | 2379 | rVB  | 10156196 | 19398245  | 9.46%   | 1.470%  |
| 42 | 16.370 | 2395 | 2403 | 2415 | rVB  | 4364802  | 9083811   | 4.43%   | 0.688%  |

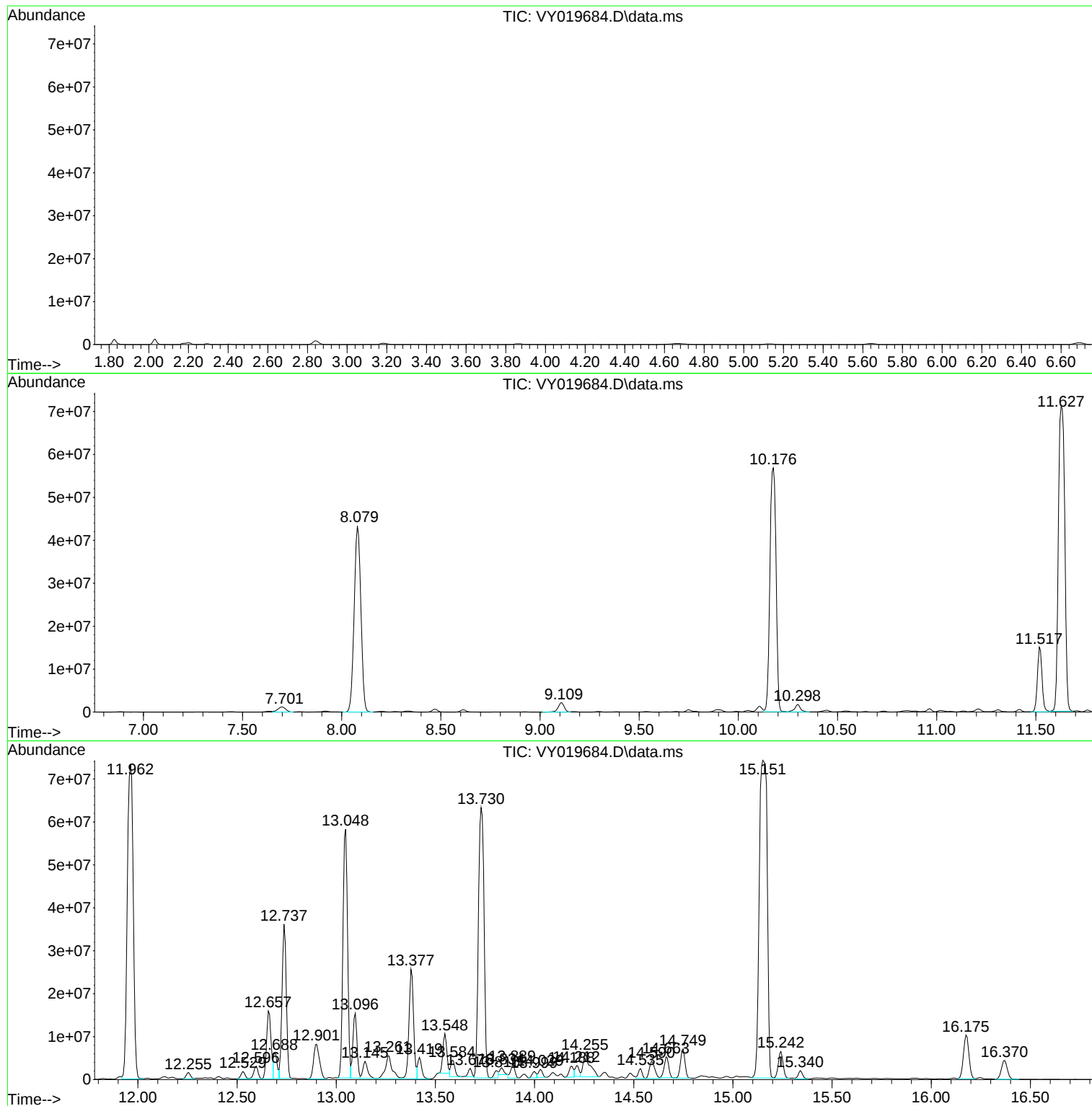
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
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Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

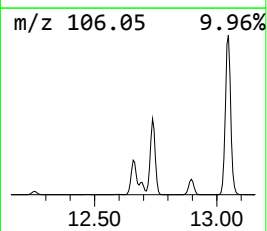
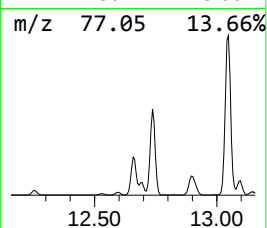
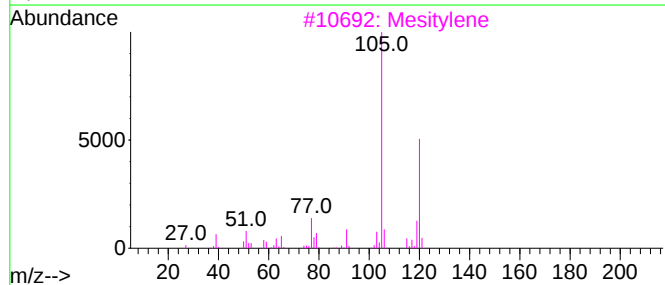
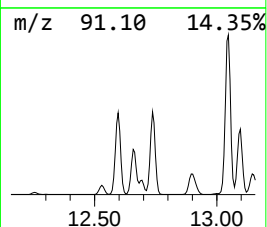
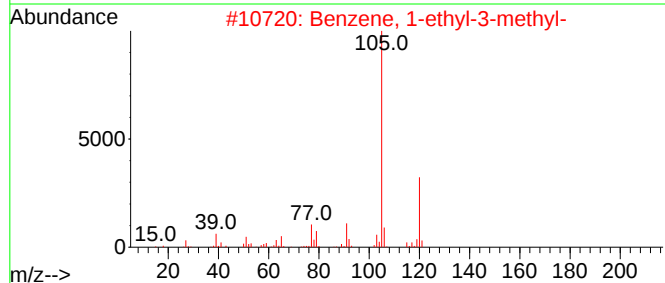
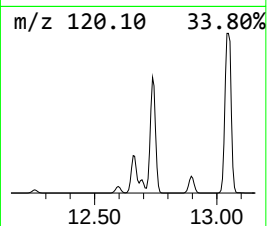
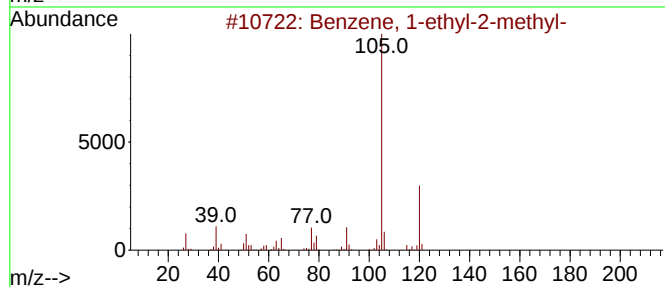
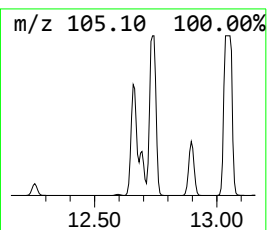
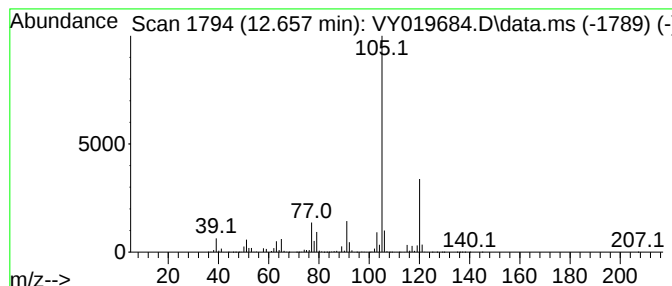
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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 2

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 12.657 | 30.91 ug/l | 25384400 | 1,4-Dichlorobenzene-d4 | 13.346 |

| 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    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
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Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

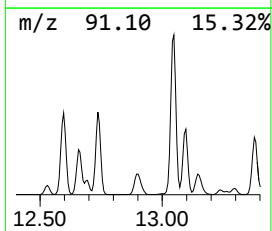
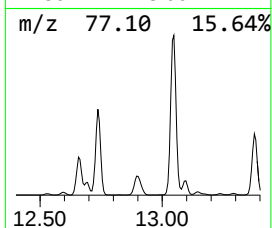
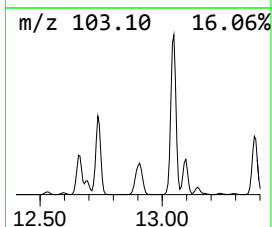
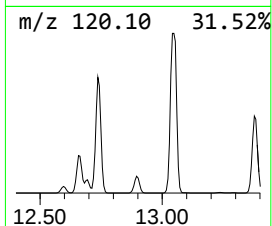
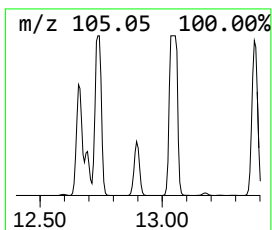
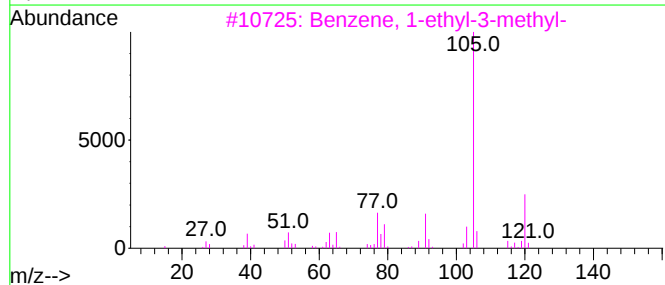
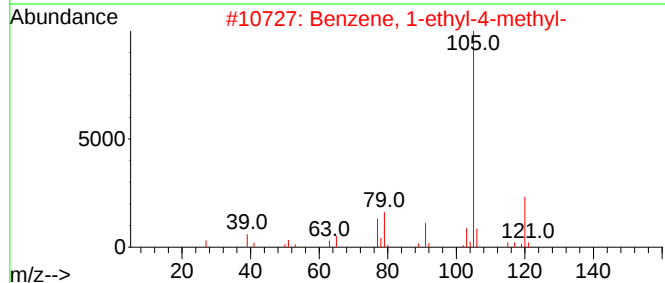
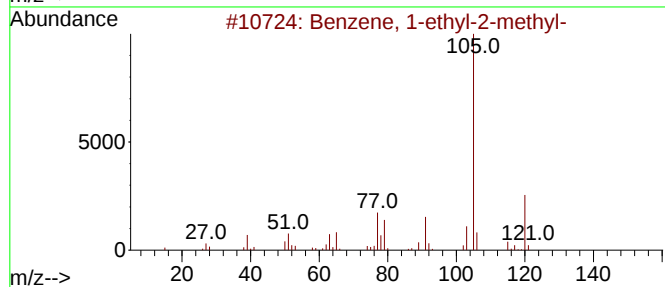
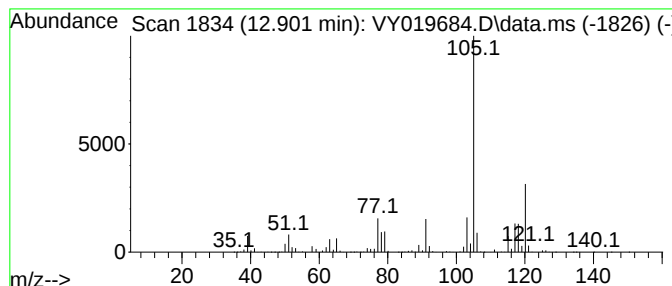
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 12.901 | 20.11 ug/l | 16512900 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 81   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 76   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 76   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 74   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
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Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

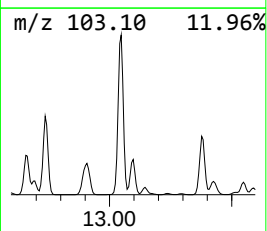
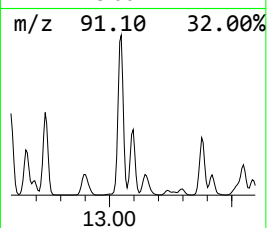
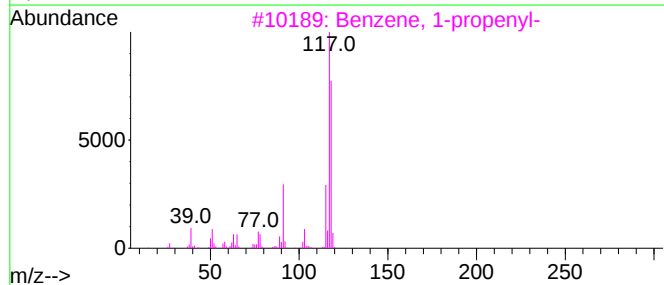
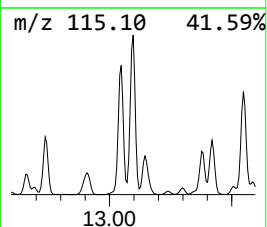
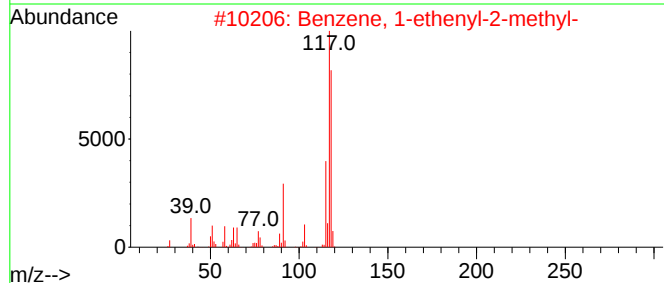
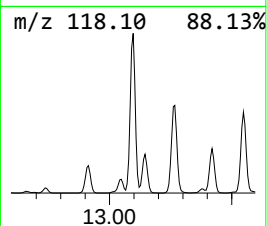
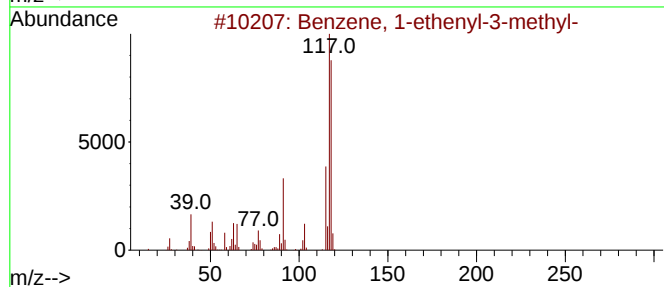
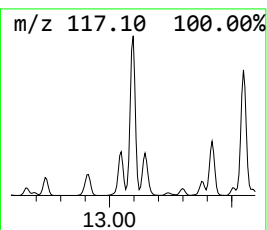
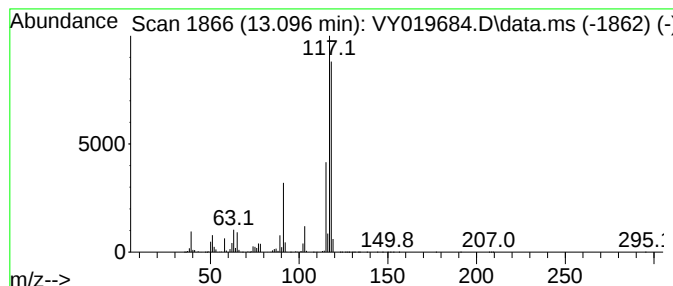
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 13.096 | 26.18 ug/l | 21497300 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-3-methyl-        | 118 | C9H10   | 000100-80-1 | 90   |
| 2    |    |   | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4 | 90   |
| 3    |    |   | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3 | 90   |
| 4    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4 | 90   |
| 5    |    |   | Benzene, 1,1'-(1-ethenyl-1,3-pro... | 222 | C17H18  | 061141-97-7 | 90   |



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Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

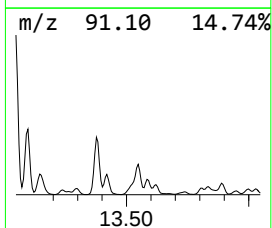
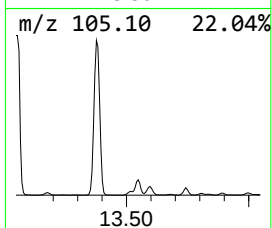
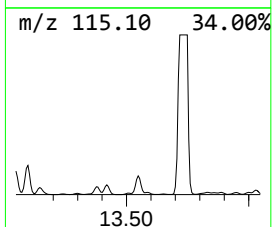
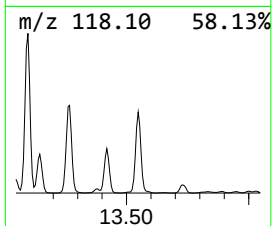
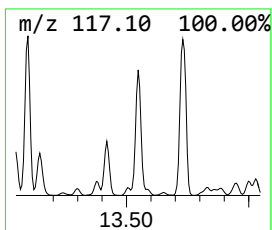
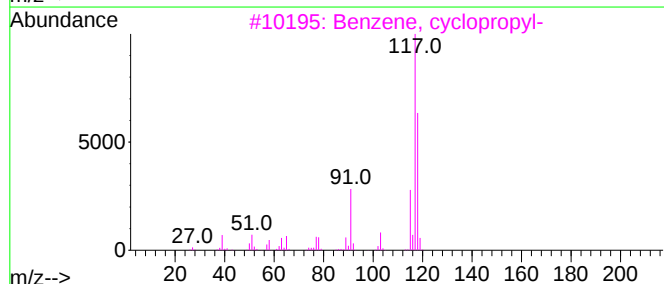
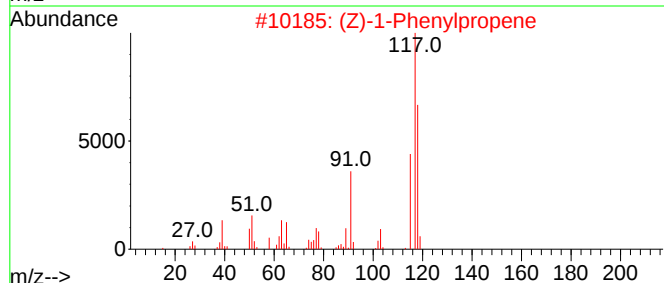
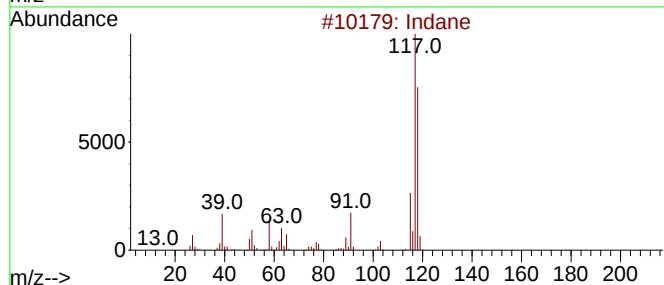
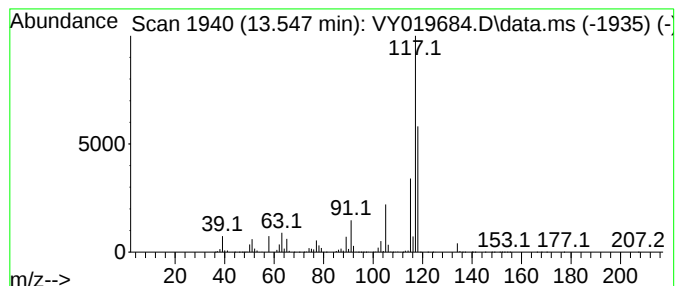
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Indane Concentration Rank 7

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 13.547 | 15.47 ug/l | 12704100 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7 | 76   |
| 2    |    |   | (Z)-1-Phenylpropene                 | 118 | C9H10   | 000766-90-5 | 76   |
| 3    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4 | 70   |
| 4    |    |   | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3 | 62   |
| 5    |    |   | 1,4:5,8-Dimethanobiphenylene, 1,... | 184 | C14H16  | 001624-13-1 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

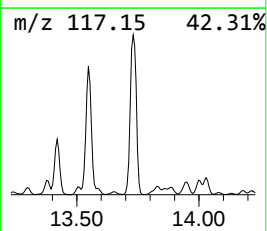
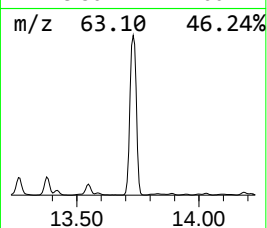
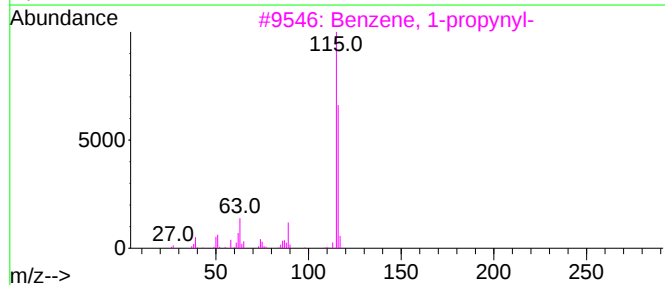
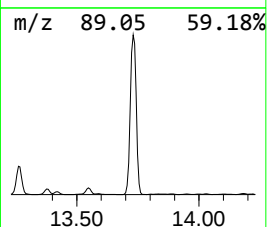
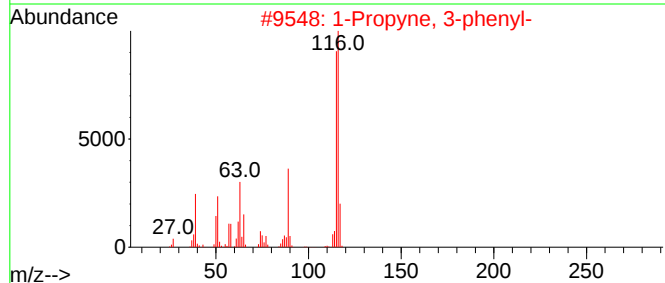
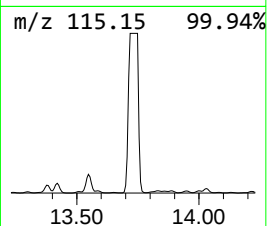
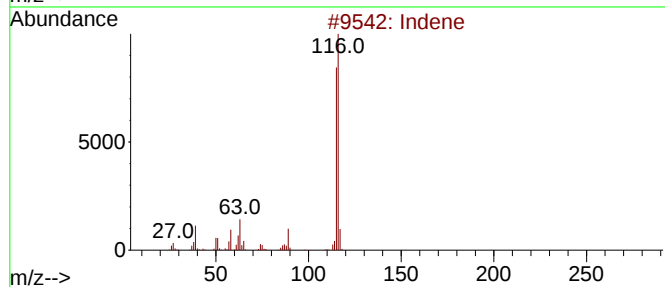
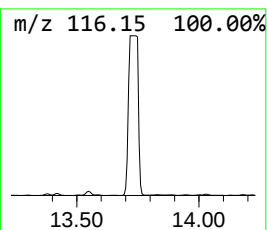
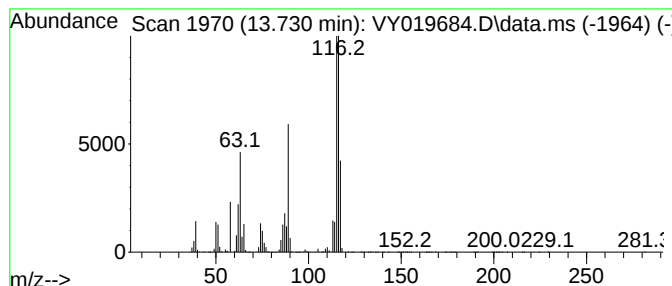
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Indene Concentration Rank 1

| R.T.   | EstConc     | Area      | Relative to ISTD       | R.T.   |
|--------|-------------|-----------|------------------------|--------|
| 13.730 | 151.12 ug/l | 124105000 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indene                              | 116 | C9H8    | 000095-13-6 | 95   |
| 2    |    |   | 1-Propyne, 3-phenyl-                | 116 | C9H8    | 010147-11-2 | 91   |
| 3    |    |   | Benzene, 1-propynyl-                | 116 | C9H8    | 000673-32-5 | 76   |
| 4    |    |   | 2-Methylphenylacetylene             | 116 | C9H8    | 000766-47-2 | 53   |
| 5    |    |   | Benzeneacetonitrile, .alpha.-bromo- | 195 | C8H6BrN | 005798-79-8 | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

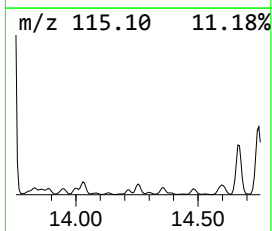
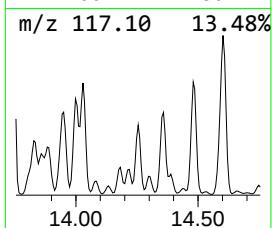
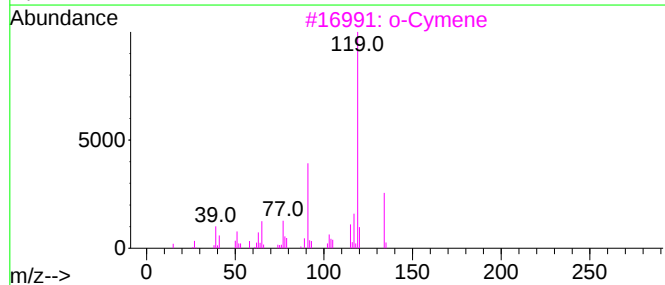
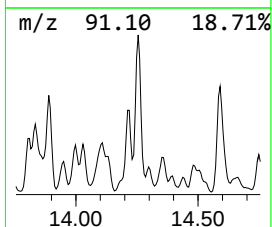
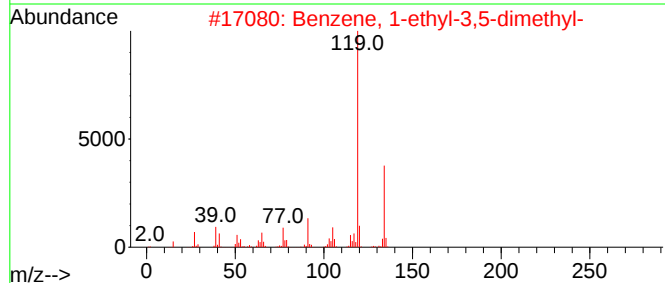
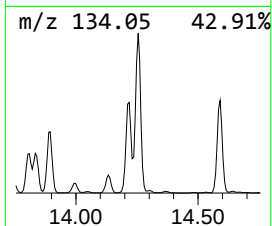
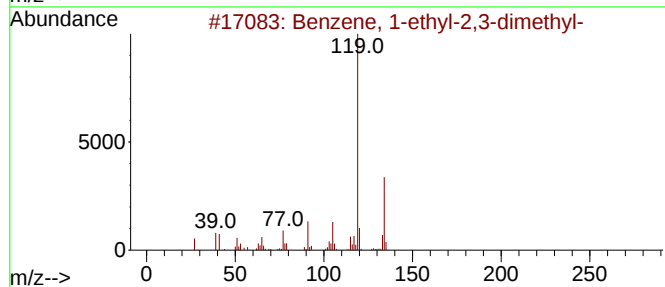
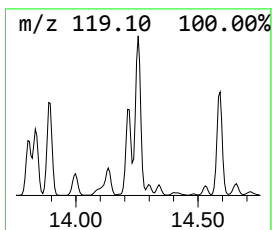
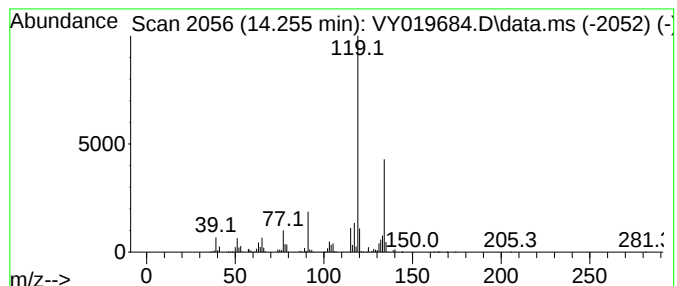
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 14.255 | 15.97 ug/l | 13117200 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 94   |
| 2    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 94   |
| 3    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 4    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 93   |
| 5    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

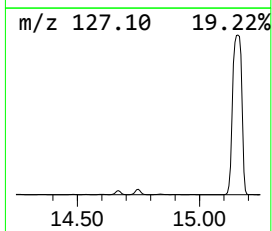
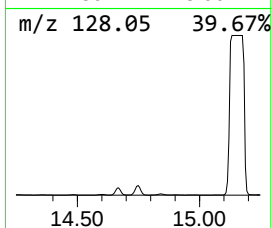
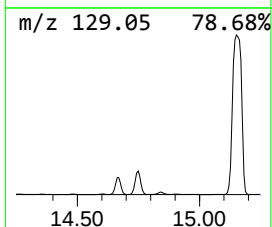
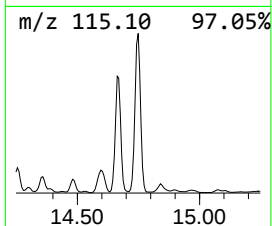
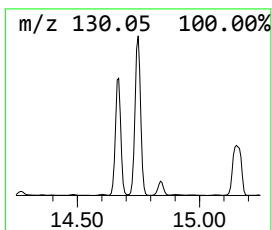
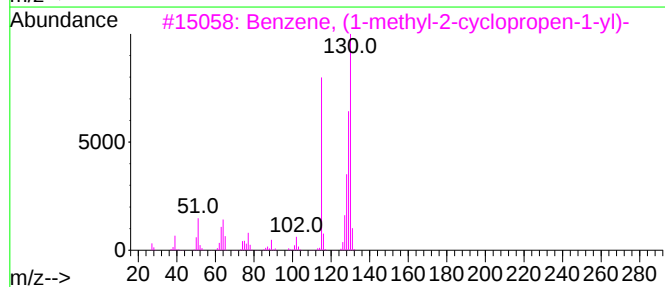
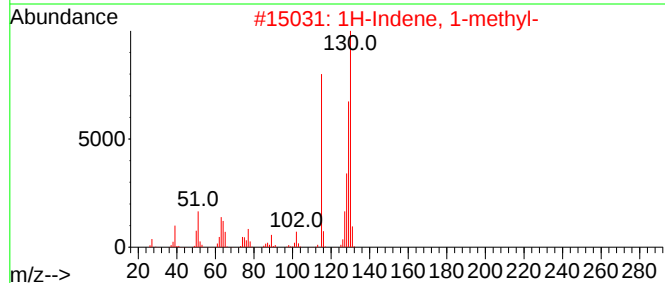
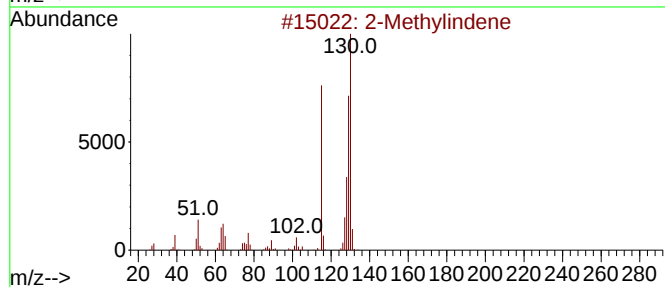
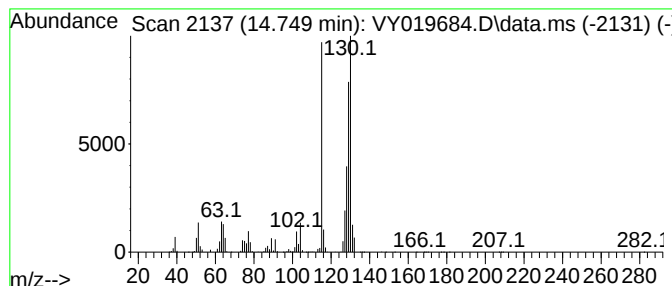
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Quant Title : SW846 8260

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

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Peak Number 7 2-Methylindene Concentration Rank 8

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 14.749 | 12.85 ug/l | 10550000 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Methylindene                          | 130 | C10H10  | 002177-47-1 | 96   |
| 2    |    |   | 1H-Indene, 1-methyl-                    | 130 | C10H10  | 000767-59-9 | 96   |
| 3    |    |   | Benzene, (1-methyl-2-cyclopropen-1-yl)- | 130 | C10H10  | 065051-83-4 | 96   |
| 4    |    |   | Benzene, 1-methyl-1,2-propadienyl-      | 130 | C10H10  | 022433-39-2 | 96   |
| 5    |    |   | 1,4-Dihydronaphthalene                  | 130 | C10H10  | 000612-17-9 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

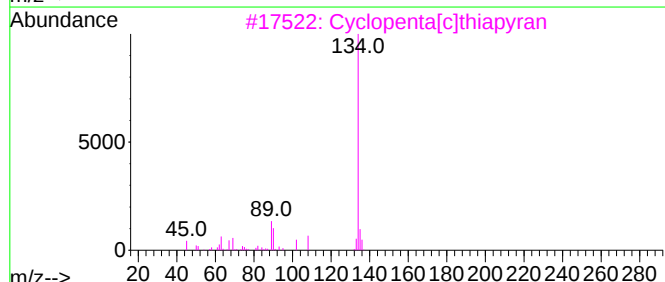
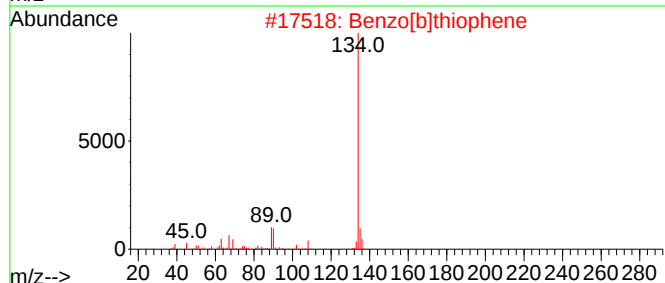
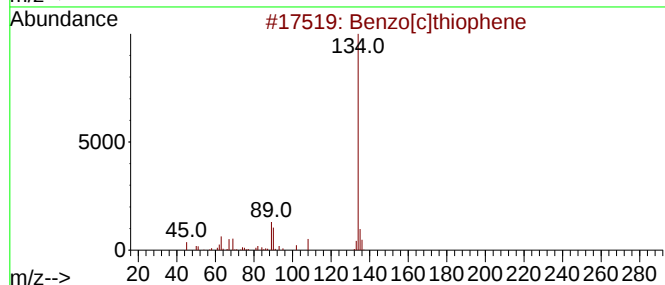
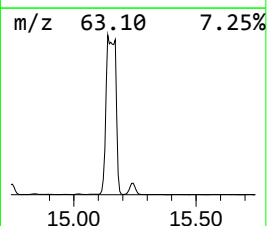
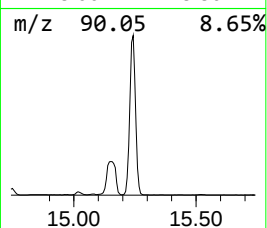
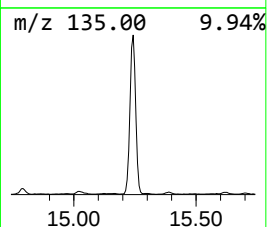
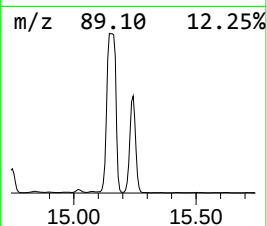
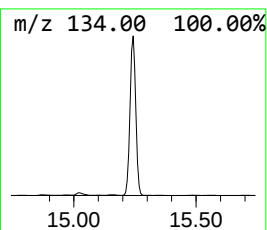
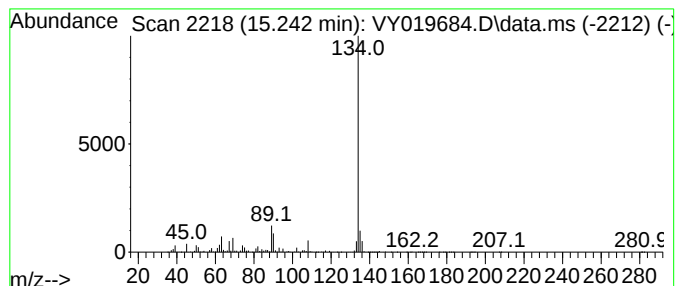
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Quant Title : SW846 8260

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

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Peak Number 8 Benzo[c]thiophene Concentration Rank 9

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 15.242 | 12.82 ug/l | 10524600 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[c]thiophene                  | 134 | C8H6S   | 000270-82-6 | 97   |
| 2    |    |   | Benzo[b]thiophene                  | 134 | C8H6S   | 000095-15-8 | 94   |
| 3    |    |   | Cyclopenta[c]thiapyran             | 134 | C8H6S   | 000270-63-3 | 94   |
| 4    |    |   | 3-Deazaadenine                     | 134 | C6H6N4  | 006811-77-4 | 59   |
| 5    |    |   | 5H-Pyrrolo(3,2-d)pyrimidin-4-amine | 134 | C6H6N4  | 002227-98-7 | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

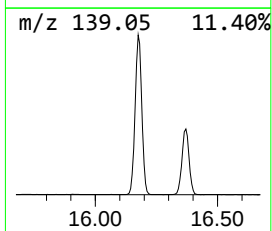
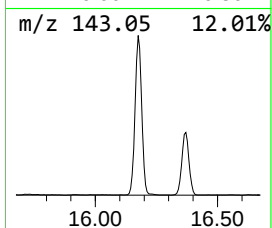
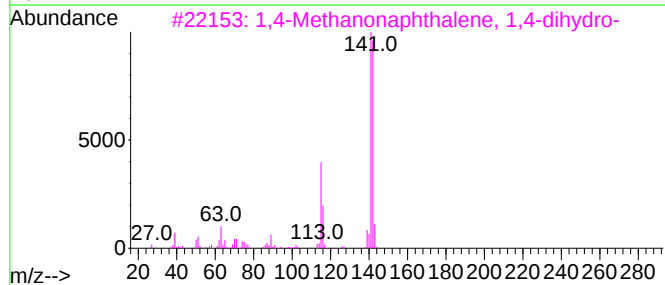
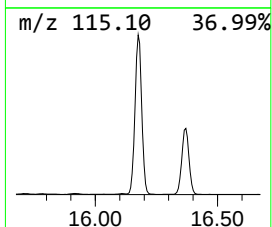
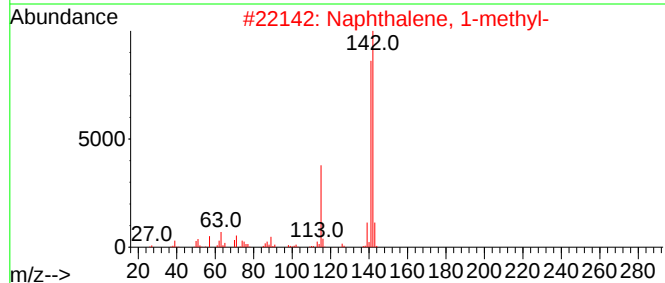
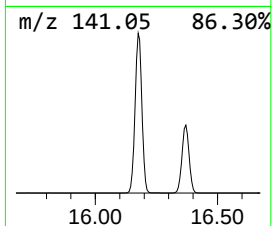
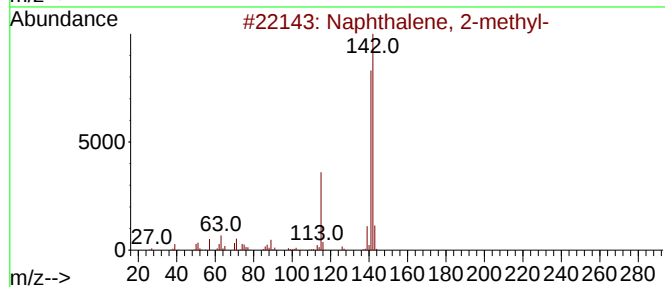
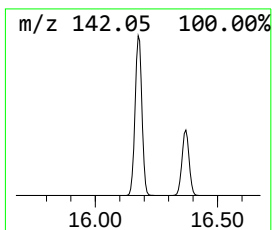
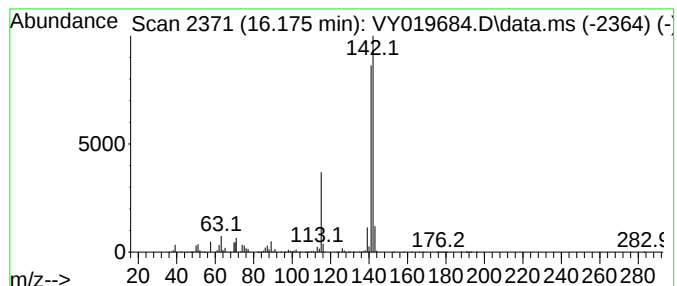
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Quant Title : SW846 8260

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

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Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 4

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 16.175 | 23.62 ug/l | 19398200 | 1,4-Dichlorobenzene-d4 | 13.346 |

| 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    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 93   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 90   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

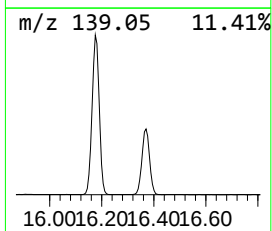
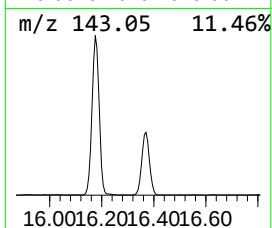
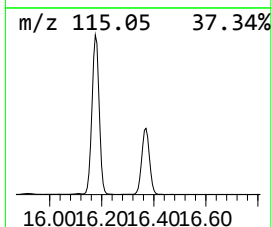
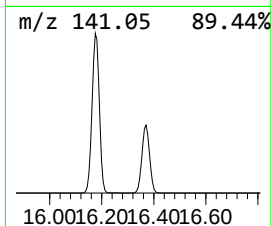
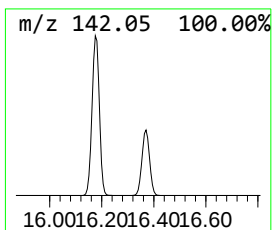
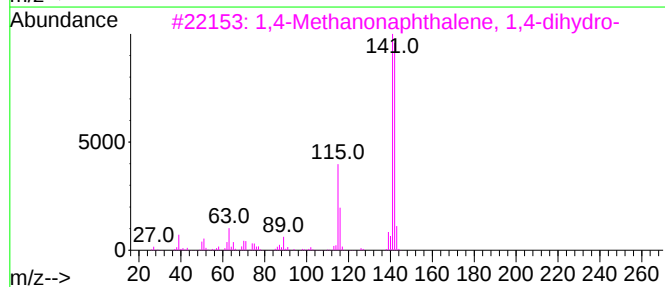
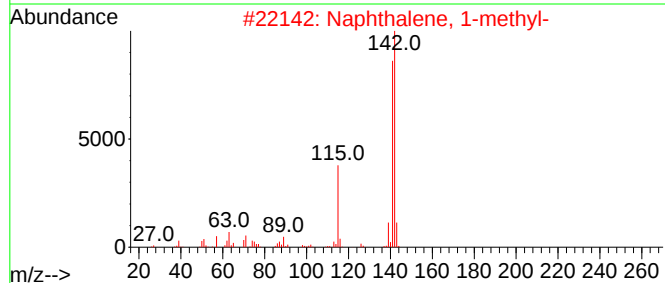
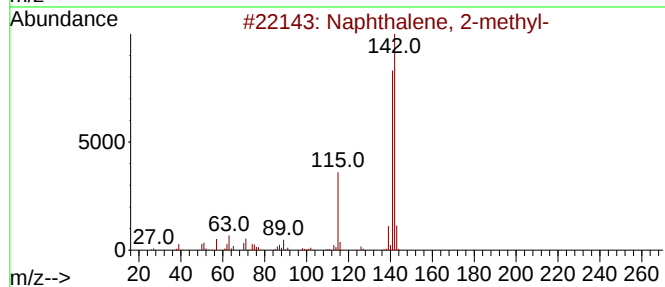
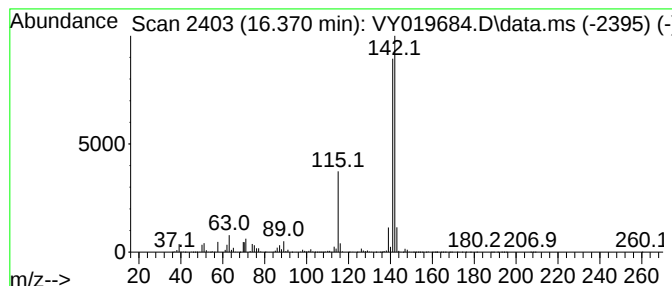
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

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Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 10

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 16.370 | 11.06 ug/l | 9083810 | 1,4-Dichlorobenzene-d4 | 13.346 |

| 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    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 93   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092424\  
Data File : VY019684.D  
Acq On : 24 Sep 2024 15:55  
Operator : SY/MD  
Sample : P4144-06  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
2-SBG

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response  | --Internal Standard-- |        |          |      |
|--------------------|--------|---------|-------|-----------|-----------------------|--------|----------|------|
|                    |        |         |       |           | #                     | RT     | Resp     | Conc |
| Benzene, 1-ethy... | 12.657 | 30.9    | ug/l  | 25384400  | 4                     | 13.346 | 41062500 | 50.0 |
| Benzene, 1-ethy... | 12.901 | 20.1    | ug/l  | 16512900  | 4                     | 13.346 | 41062500 | 50.0 |
| Benzene, 1-ethe... | 13.096 | 26.2    | ug/l  | 21497300  | 4                     | 13.346 | 41062500 | 50.0 |
| Indane             | 13.547 | 15.5    | ug/l  | 12704100  | 4                     | 13.346 | 41062500 | 50.0 |
| Indene             | 13.730 | 151.1   | ug/l  | 124105000 | 4                     | 13.346 | 41062500 | 50.0 |
| Benzene, 1-ethy... | 14.255 | 16.0    | ug/l  | 13117200  | 4                     | 13.346 | 41062500 | 50.0 |
| 2-Methylindene     | 14.749 | 12.9    | ug/l  | 10550000  | 4                     | 13.346 | 41062500 | 50.0 |
| Benzo[c]thiophene  | 15.242 | 12.8    | ug/l  | 10524600  | 4                     | 13.346 | 41062500 | 50.0 |
| Naphthalene, 2-... | 16.175 | 23.6    | ug/l  | 19398200  | 4                     | 13.346 | 41062500 | 50.0 |
| Naphthalene, 1-... | 16.370 | 11.1    | ug/l  | 9083810   | 4                     | 13.346 | 41062500 | 50.0 |