

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
 Data File : VY008274.D  
 Acq On : 11 Apr 2022 15:43  
 Operator : KP/MD  
 Sample : N2340-04  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-06-14.5-15.0

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\82Y040822S.M

Title : SW846 8260

Signal : TIC: VY008274.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         | 4.710       | 465           | 474         | 483          | rVB5     | 2109           | 6272          | 1.65%           | 0.158%        |
| 2         | 7.716       | 958           | 967         | 973          | rBV      | 51494          | 123549        | 32.41%          | 3.117%        |
| 3         | 7.789       | 973           | 979         | 992          | rVB      | 97460          | 215482        | 56.53%          | 5.437%        |
| 4         | 8.142       | 1026          | 1037        | 1047         | rBV2     | 41587          | 94314         | 24.74%          | 2.380%        |
| 5         | 8.691       | 1116          | 1127        | 1136         | rBV      | 140903         | 270834        | 71.05%          | 6.834%        |
| 6         | 10.179      | 1363          | 1371        | 1380         | rBV      | 215386         | 381190        | 100.00%         | 9.618%        |
| 7         | 10.581      | 1431          | 1437        | 1446         | rVB2     | 11974          | 21690         | 5.69%           | 0.547%        |
| 8         | 10.904      | 1484          | 1490        | 1495         | rBV8     | 1908           | 4110          | 1.08%           | 0.104%        |
| 9         | 11.380      | 1563          | 1568        | 1574         | rVB6     | 2709           | 4551          | 1.19%           | 0.115%        |
| 10        | 11.489      | 1579          | 1586        | 1593         | rBV      | 199228         | 315356        | 82.73%          | 7.957%        |
| 11        | 11.788      | 1631          | 1635        | 1638         | rBV6     | 2126           | 4257          | 1.12%           | 0.107%        |
| 12        | 11.861      | 1638          | 1647        | 1648         | rBV5     | 5750           | 12118         | 3.18%           | 0.306%        |
| 13        | 12.123      | 1684          | 1690        | 1693         | rBV5     | 5502           | 9133          | 2.40%           | 0.230%        |
| 14        | 12.245      | 1707          | 1710        | 1714         | rVB4     | 4312           | 6610          | 1.73%           | 0.167%        |
| 15        | 12.416      | 1719          | 1738        | 1740         | rVV4     | 32523          | 139333        | 36.55%          | 3.516%        |
| 16        | 12.483      | 1744          | 1749        | 1767         | rVB      | 181857         | 341469        | 89.58%          | 8.616%        |
| 17        | 12.648      | 1772          | 1776        | 1777         | rBV4     | 3244           | 4015          | 1.05%           | 0.101%        |
| 18        | 12.733      | 1785          | 1790        | 1792         | rBV6     | 2170           | 4007          | 1.05%           | 0.101%        |
| 19        | 12.812      | 1796          | 1803        | 1807         | rBV6     | 7277           | 15984         | 4.19%           | 0.403%        |
| 20        | 12.861      | 1807          | 1811        | 1814         | rBV5     | 7363           | 13020         | 3.42%           | 0.329%        |
| 21        | 12.953      | 1814          | 1826        | 1837         | rBV2     | 41663          | 165007        | 43.29%          | 4.164%        |
| 22        | 13.044      | 1837          | 1841        | 1842         | rBV      | 15342          | 19626         | 5.15%           | 0.495%        |
| 23        | 13.318      | 1880          | 1886        | 1890         | rBV3     | 12298          | 24998         | 6.56%           | 0.631%        |
| 24        | 13.361      | 1890          | 1893        | 1897         | rVV5     | 7464           | 12303         | 3.23%           | 0.310%        |
| 25        | 13.428      | 1897          | 1904        | 1914         | rVB      | 186733         | 305770        | 80.21%          | 7.715%        |
| 26        | 13.593      | 1923          | 1931        | 1934         | rBV7     | 9175           | 23860         | 6.26%           | 0.602%        |
| 27        | 13.641      | 1934          | 1939        | 1940         | rBV3     | 8649           | 14075         | 3.69%           | 0.355%        |
| 28        | 13.751      | 1952          | 1957        | 1961         | rBV4     | 15796          | 28241         | 7.41%           | 0.713%        |
| 29        | 13.794      | 1962          | 1964        | 1968         | rVB3     | 10015          | 12145         | 3.19%           | 0.306%        |
| 30        | 13.855      | 1968          | 1974        | 1977         | rBV6     | 4614           | 9921          | 2.60%           | 0.250%        |
| 31        | 13.916      | 1981          | 1984        | 1988         | rVV6     | 7937           | 15175         | 3.98%           | 0.383%        |
| 32        | 13.971      | 1988          | 1993        | 1997         | rVV3     | 28591          | 51549         | 13.52%          | 1.301%        |
| 33        | 14.019      | 1997          | 2001        | 2007         | rVV3     | 15261          | 40040         | 10.50%          | 1.010%        |
| 34        | 14.080      | 2007          | 2011        | 2016         | rVB4     | 17070          | 31957         | 8.38%           | 0.806%        |
| 35        | 14.147      | 2016          | 2022        | 2027         | rBV8     | 8254           | 16379         | 4.30%           | 0.413%        |
| 36        | 14.263      | 2035          | 2041        | 2045         | rBV3     | 21866          | 48167         | 12.64%          | 1.215%        |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-06-14.5-15.0

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\82Y040822S.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 14.379 | 2057 | 2060 | 2063 | rBV2 | 6573   | 9128   | 2.39%  | 0.230% |
| 38 | 14.422 | 2063 | 2067 | 2071 | rBV4 | 13499  | 19991  | 5.24%  | 0.504% |
| 39 | 14.568 | 2087 | 2091 | 2096 | rVB3 | 13440  | 24506  | 6.43%  | 0.618% |
| 40 | 14.684 | 2103 | 2110 | 2114 | rBV3 | 42316  | 89401  | 23.45% | 2.256% |
| 41 | 14.733 | 2114 | 2118 | 2125 | rVB2 | 41126  | 73774  | 19.35% | 1.862% |
| 42 | 14.873 | 2134 | 2141 | 2144 | rBV4 | 14720  | 34878  | 9.15%  | 0.880% |
| 43 | 14.946 | 2150 | 2153 | 2157 | rVB4 | 16656  | 20533  | 5.39%  | 0.518% |
| 44 | 15.056 | 2166 | 2171 | 2177 | rVB4 | 20319  | 39363  | 10.33% | 0.993% |
| 45 | 15.214 | 2191 | 2197 | 2204 | rBV5 | 30206  | 65373  | 17.15% | 1.650% |
| 46 | 15.294 | 2204 | 2210 | 2214 | rVV6 | 21042  | 39454  | 10.35% | 0.996% |
| 47 | 15.348 | 2215 | 2219 | 2223 | rVV6 | 8624   | 15022  | 3.94%  | 0.379% |
| 48 | 15.531 | 2243 | 2249 | 2256 | rVB4 | 17461  | 41168  | 10.80% | 1.039% |
| 49 | 15.605 | 2257 | 2261 | 2268 | rVB6 | 13630  | 24248  | 6.36%  | 0.612% |
| 50 | 15.684 | 2269 | 2274 | 2278 | rVV5 | 12613  | 29845  | 7.83%  | 0.753% |
| 51 | 15.733 | 2278 | 2282 | 2290 | rVB4 | 27038  | 54305  | 14.25% | 1.370% |
| 52 | 15.891 | 2302 | 2308 | 2313 | rBV4 | 14625  | 37493  | 9.84%  | 0.946% |
| 53 | 16.037 | 2327 | 2332 | 2336 | rVV4 | 17877  | 31435  | 8.25%  | 0.793% |
| 54 | 16.080 | 2337 | 2339 | 2344 | rVV5 | 6619   | 8644   | 2.27%  | 0.218% |
| 55 | 16.159 | 2348 | 2352 | 2356 | rVV4 | 14629  | 25498  | 6.69%  | 0.643% |
| 56 | 16.232 | 2360 | 2364 | 2368 | rVV4 | 22255  | 45534  | 11.95% | 1.149% |
| 57 | 16.293 | 2368 | 2374 | 2386 | rVB  | 129964 | 267389 | 70.15% | 6.747% |
| 58 | 16.489 | 2399 | 2406 | 2413 | rBV  | 69069  | 154245 | 40.46% | 3.892% |
| 59 | 16.708 | 2438 | 2442 | 2443 | rBV4 | 4255   | 5401   | 1.42%  | 0.136% |

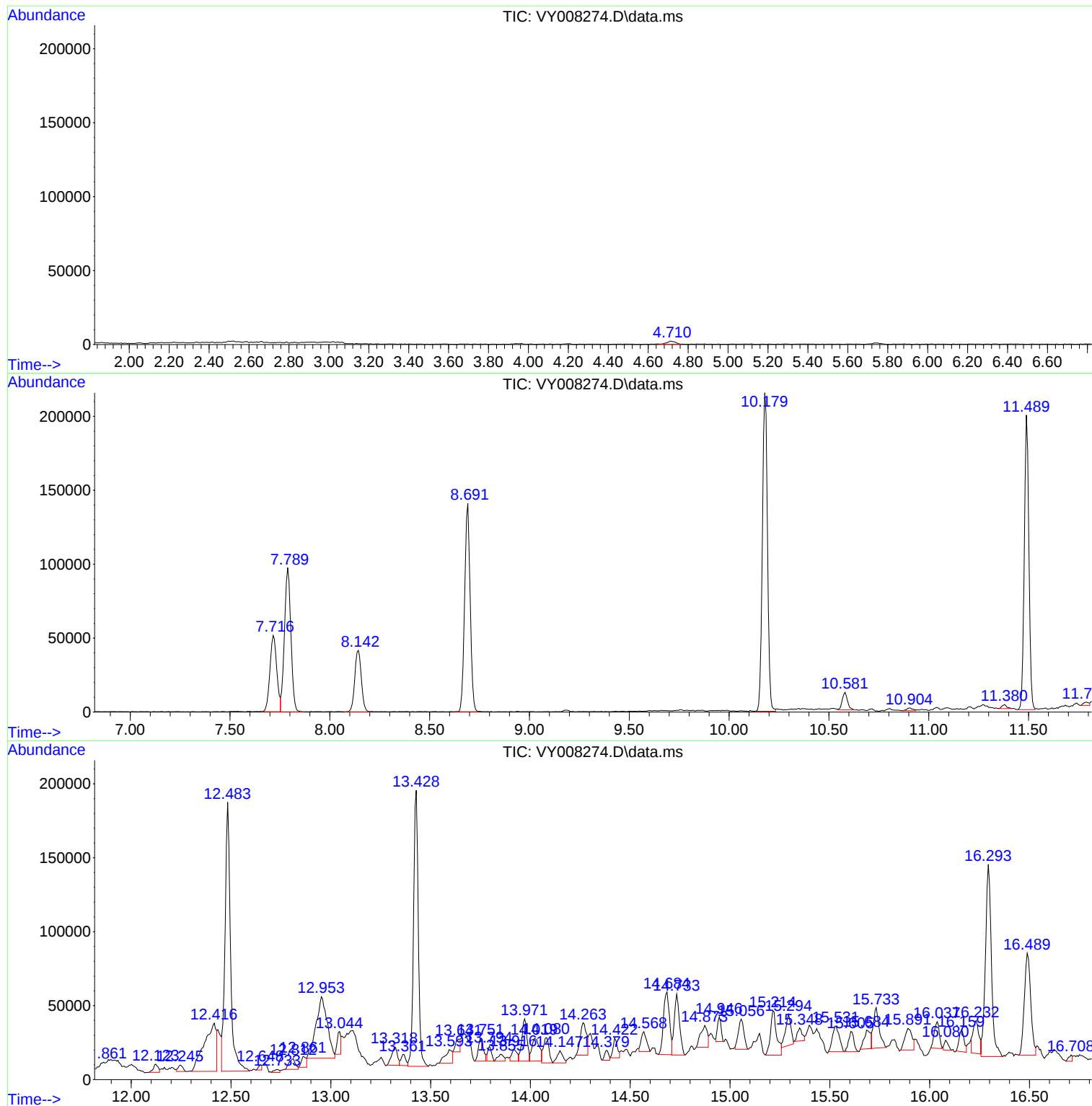
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260

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



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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

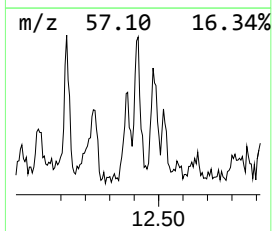
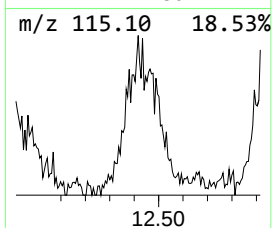
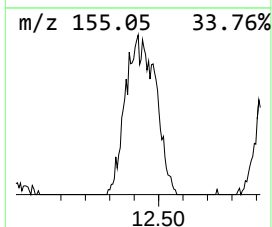
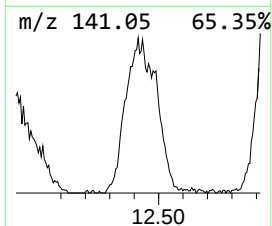
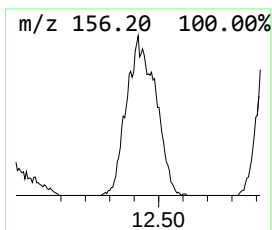
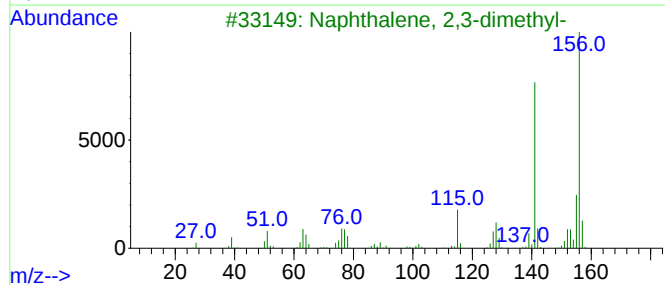
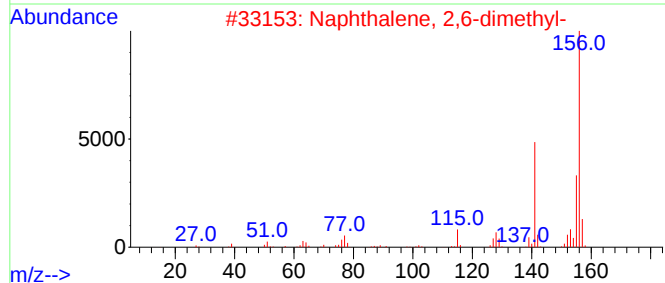
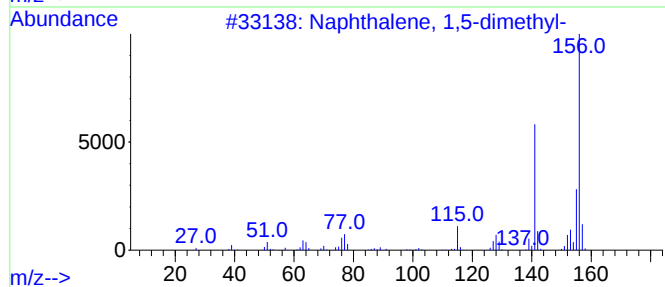
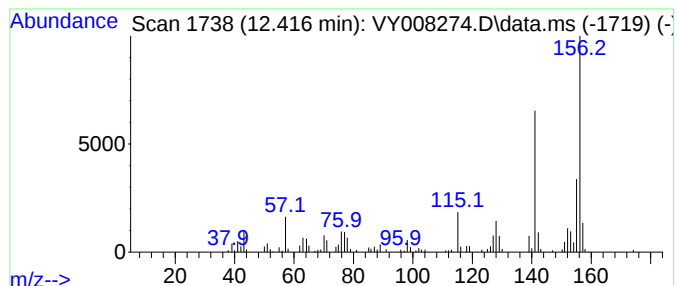
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260

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

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Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.416 | 22.09 ug/l | 139333 | Chlorobenzene-d5 | 11.489 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |
| 2    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 96   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |



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Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

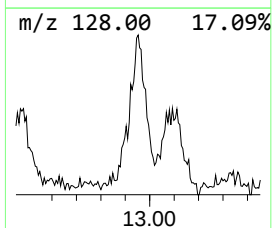
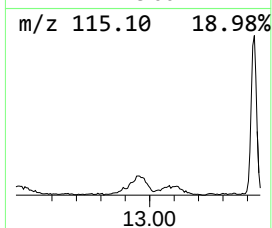
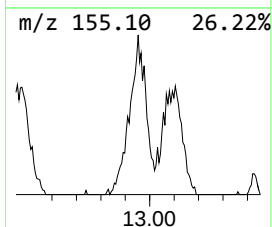
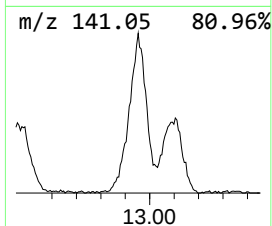
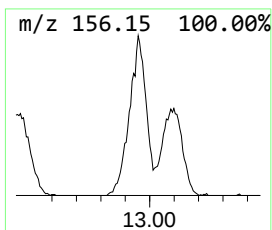
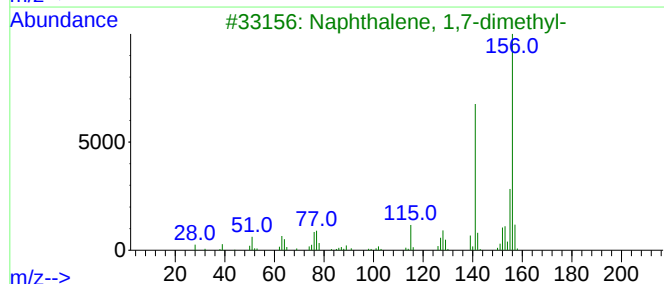
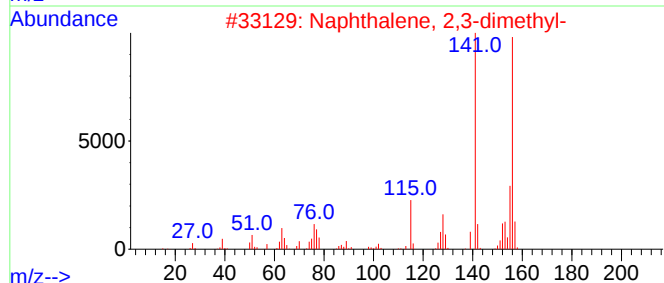
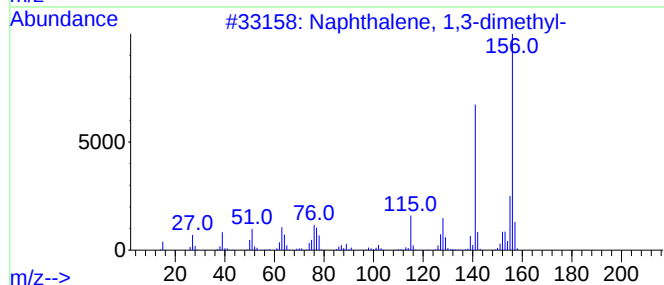
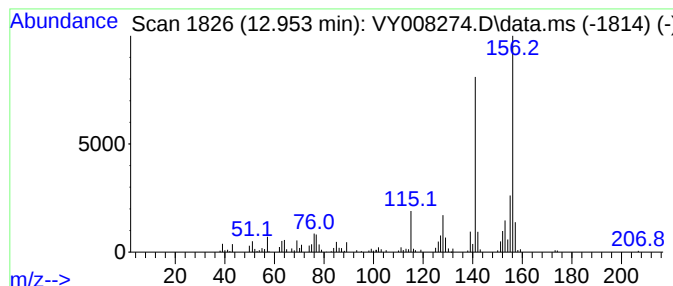
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.953 | 26.98 ug/l | 165007 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 2    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 5    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |



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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

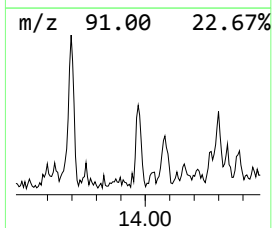
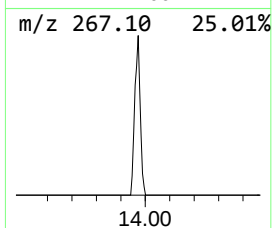
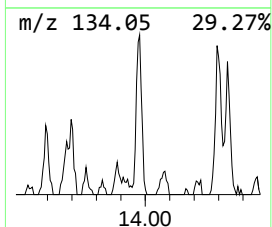
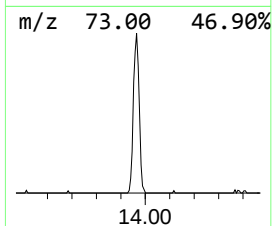
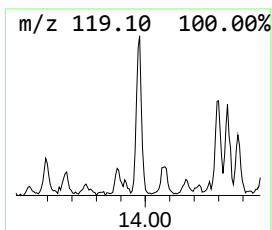
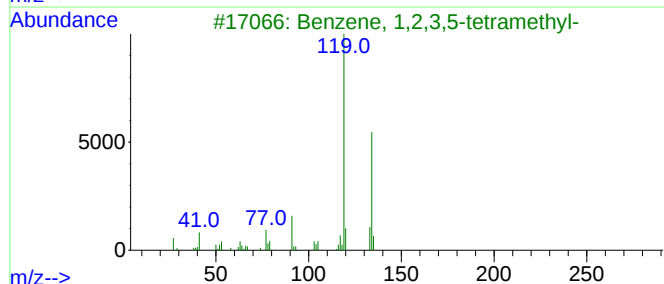
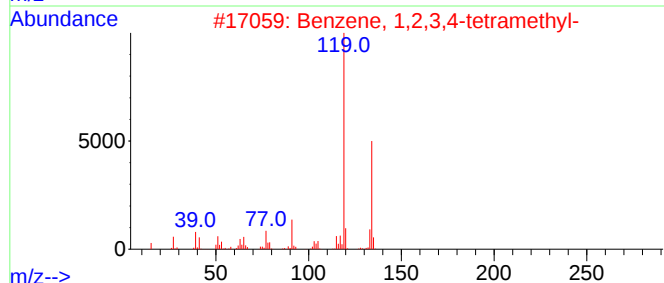
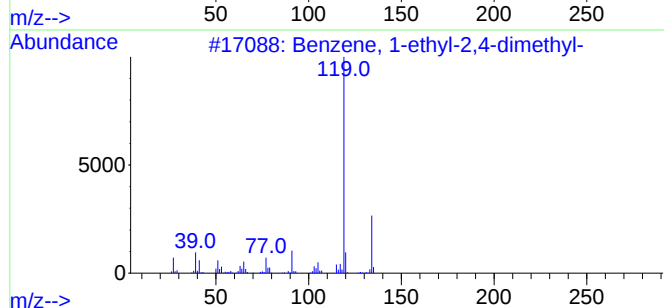
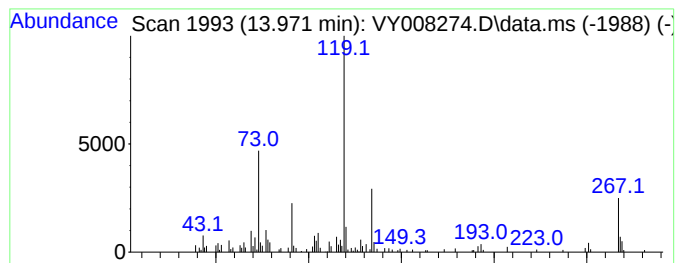
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.971 | 8.43 ug/l | 51549 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 91   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 83   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 83   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 83   |
| 5    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 83   |



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Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

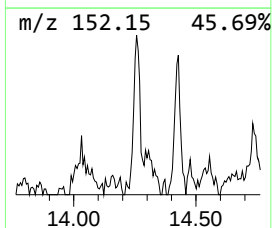
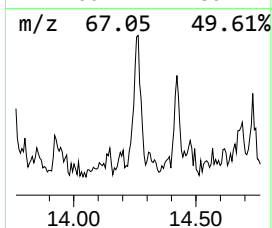
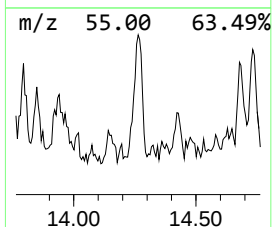
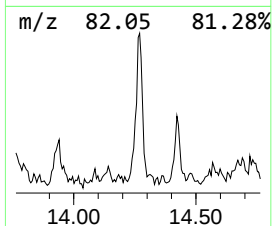
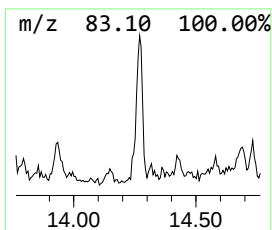
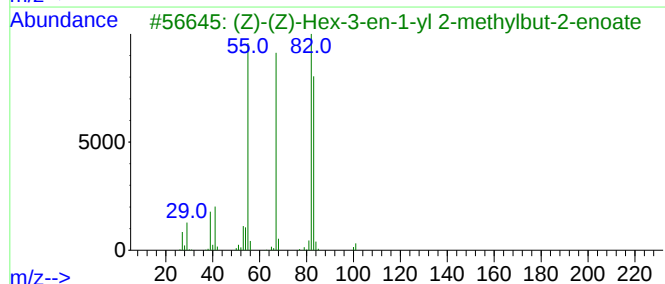
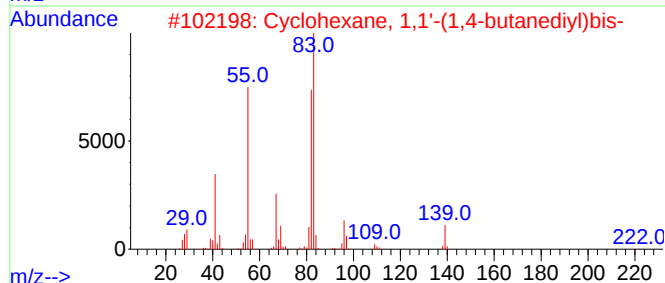
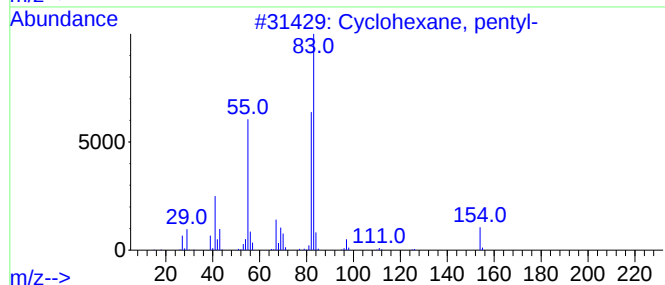
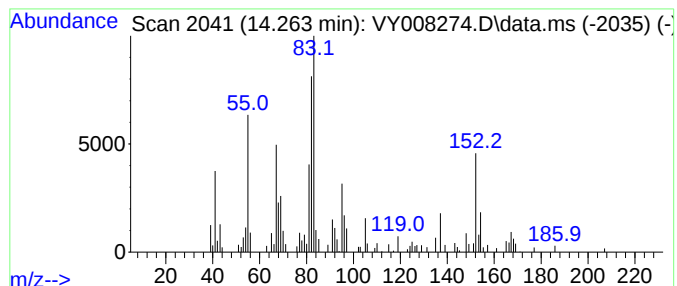
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Cyclohexane, pentyl- Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.263 | 7.88 ug/l | 48167 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclohexane, pentyl-                       | 154 | C11H22   | 004292-92-6 | 53   |
| 2    |    |   | Cyclohexane, 1,1'-(1,4-butanediyl)bis-     | 222 | C16H30   | 006165-44-2 | 50   |
| 3    |    |   | (Z)-(Z)-Hex-3-en-1-yl 2-methylbut-2-enoate | 182 | C11H18O2 | 084060-80-0 | 50   |
| 4    |    |   | Cyclohexane, nonadecyl-                    | 350 | C25H50   | 022349-03-7 | 47   |
| 5    |    |   | Cyclohexane, octyl-                        | 196 | C14H28   | 001795-15-9 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
Data File : VY008274.D  
Acq On : 11 Apr 2022 15:43  
Operator : KP/MD  
Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

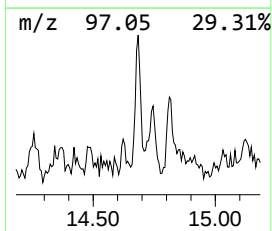
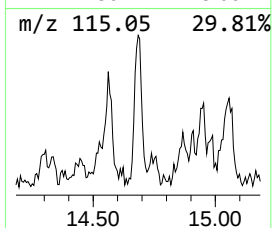
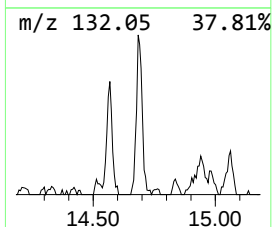
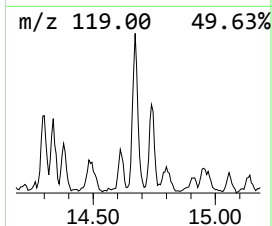
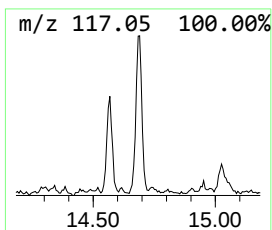
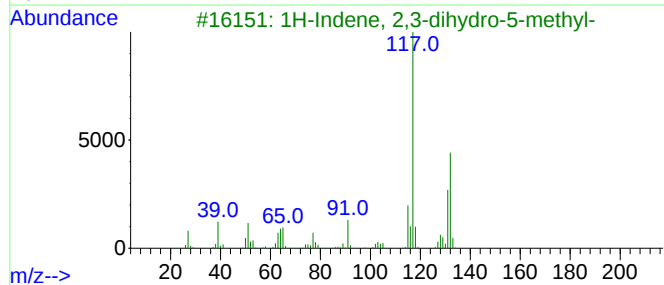
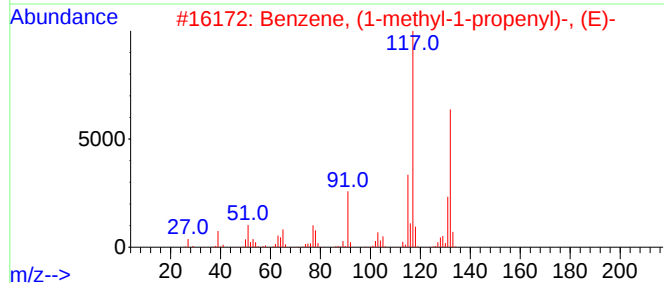
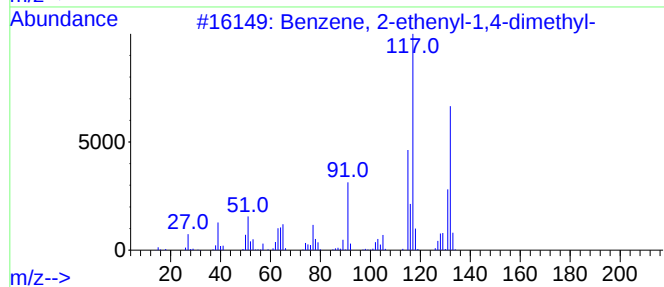
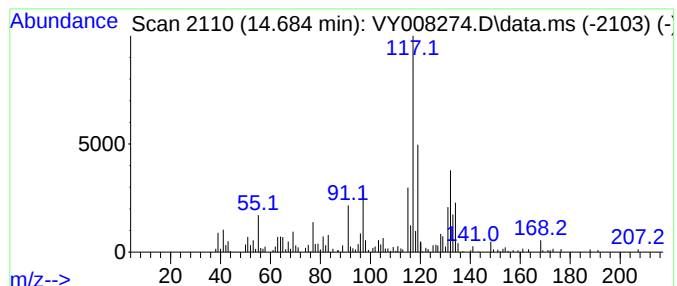
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 14.684 | 14.62 ug/l | 89401 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 86   |
| 2    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 60   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 53   |
| 4    |    |   | Benzene, 2-butenyl-                 | 132 | C10H12  | 001560-06-1 | 50   |
| 5    |    |   | Benzene, 1-methyl-2-(2-propenyl)-   | 132 | C10H12  | 001587-04-8 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
Data File : VY008274.D  
Acq On : 11 Apr 2022 15:43  
Operator : KP/MD  
Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

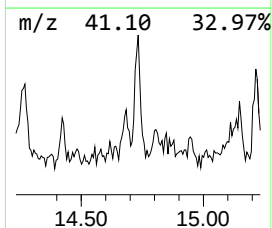
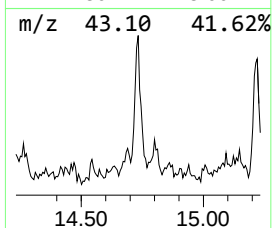
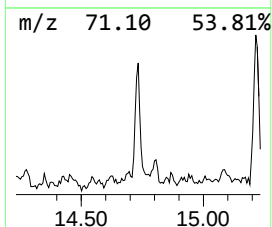
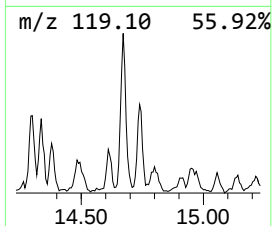
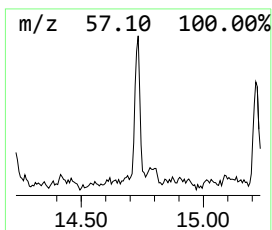
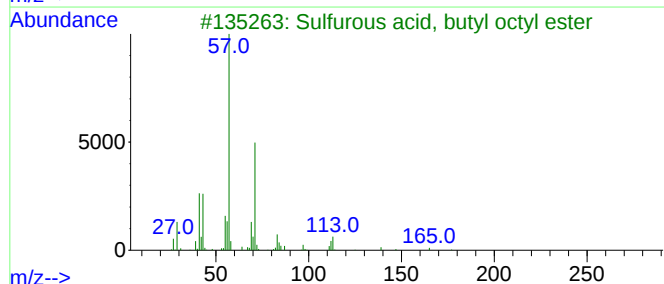
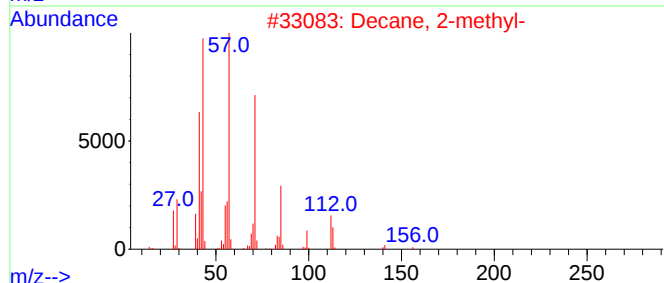
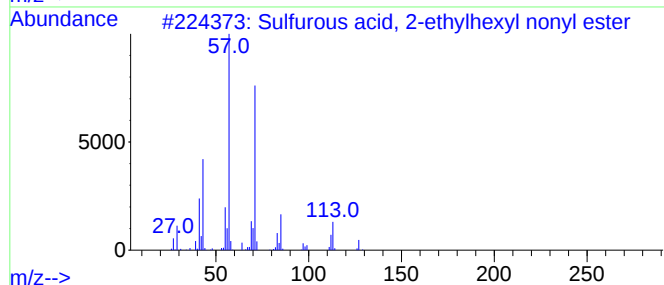
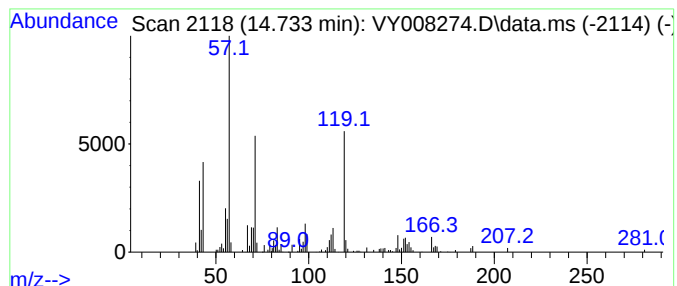
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 unknown14.733 Concentration Rank 6

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 14.733 | 12.06 ug/l | 73774 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S  | 1010309-19-2 | 43   |
| 2    |    |   | Decane, 2-methyl-                   | 156 | C11H24     | 006975-98-0  | 38   |
| 3    |    |   | Sulfurous acid, butyl octyl ester   | 250 | C12H26O3S  | 1000309-17-5 | 38   |
| 4    |    |   | Octadecane, 2,6-dimethyl-           | 282 | C20H42     | 075163-97-2  | 38   |
| 5    |    |   | Carbonic acid, 2,2,2-trichloroet... | 262 | C8H13Cl3O3 | 1000357-89-3 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
Data File : VY008274.D  
Acq On : 11 Apr 2022 15:43  
Operator : KP/MD  
Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

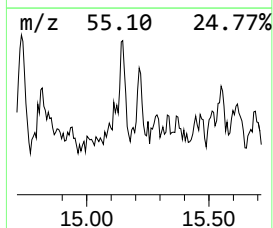
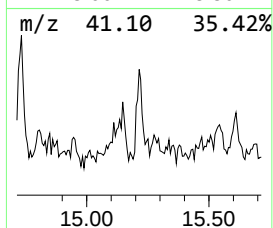
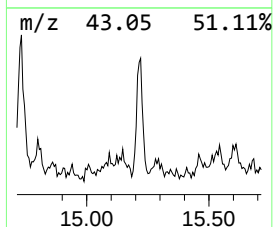
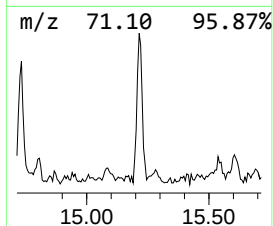
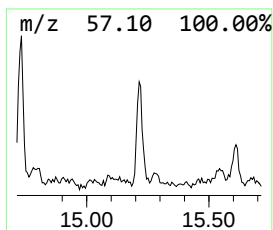
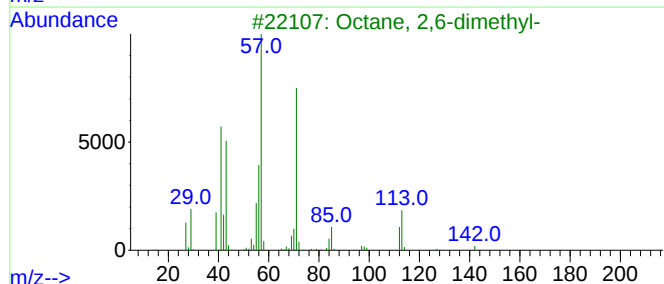
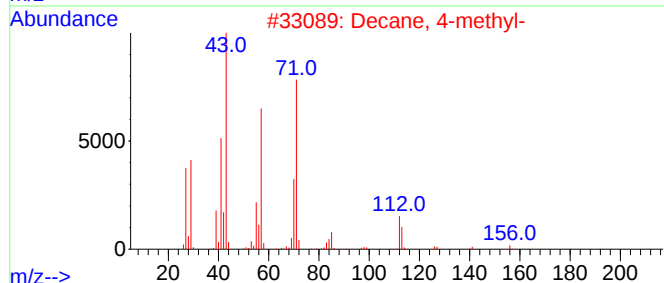
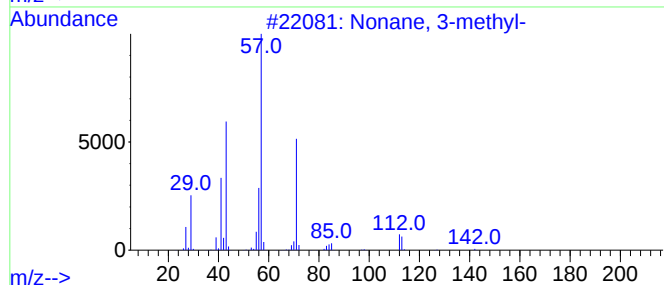
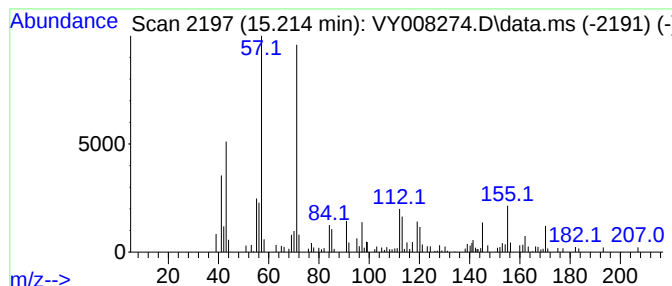
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 unknown15.214 Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 15.214 | 10.69 ug/l | 65373 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 3-methyl-            | 142 | C10H22  | 005911-04-6 | 49   |
| 2    |    |   | Decane, 4-methyl-            | 156 | C11H24  | 002847-72-5 | 49   |
| 3    |    |   | Octane, 2,6-dimethyl-        | 142 | C10H22  | 002051-30-1 | 46   |
| 4    |    |   | Undecane, 4,6-dimethyl-      | 184 | C13H28  | 017312-82-2 | 43   |
| 5    |    |   | Decane, 2,3,5,8-tetramethyl- | 198 | C14H30  | 192823-15-7 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
Data File : VY008274.D  
Acq On : 11 Apr 2022 15:43  
Operator : KP/MD  
Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

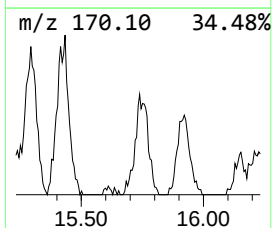
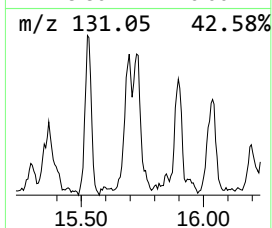
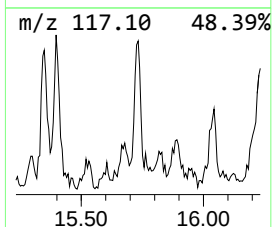
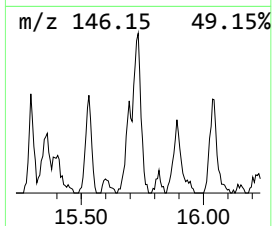
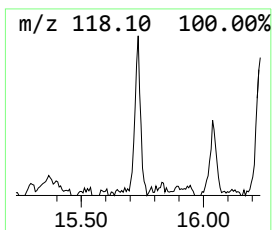
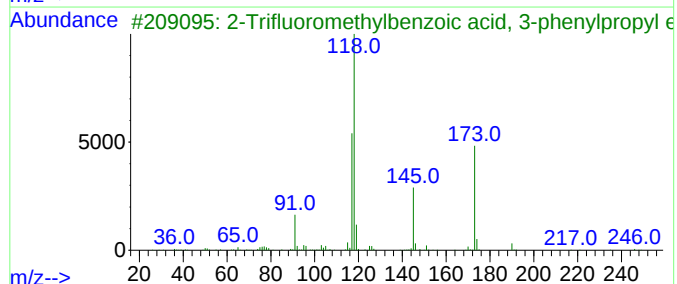
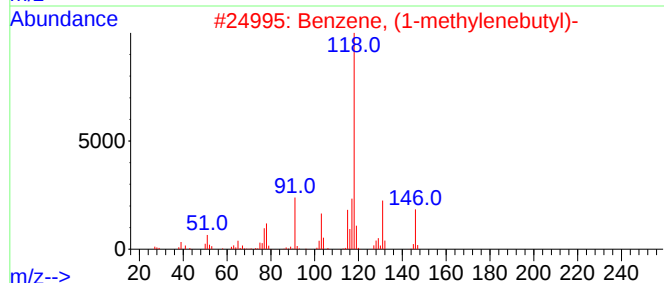
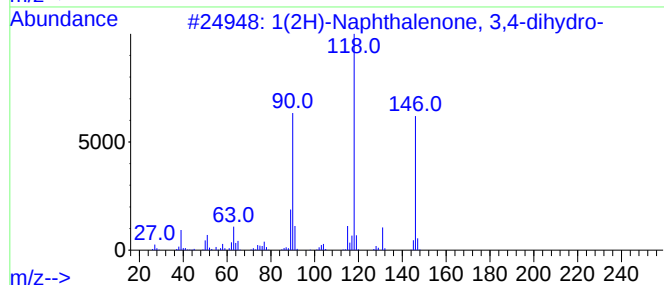
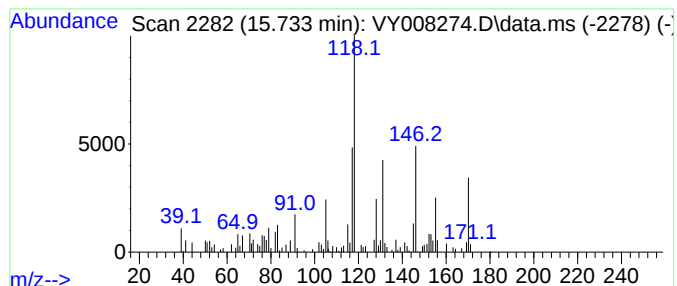
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 unknown15.733 Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.733 | 8.88 ug/l | 54305 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-----------------------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1(2H)-Naphthalenone, 3,4-dihydro-                   | 146 | C10H10O    | 000529-34-0  | 38   |
| 2    |    |   | Benzene, (1-methylenebutyl)-                        | 146 | C11H14     | 005676-32-4  | 38   |
| 3    |    |   | 2-Trifluoromethylbenzoic acid, 3-phenylpropyl ester | 308 | C17H15F3O2 | 1000282-29-3 | 35   |
| 4    |    |   | Isonicotinic acid, 3-phenylpropyl ester             | 241 | C15H15NO2  | 1000308-36-4 | 27   |
| 5    |    |   | Butanoic acid, 3-phenylpropyl ester                 | 206 | C13H18O2   | 007402-29-1  | 27   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
Data File : VY008274.D  
Acq On : 11 Apr 2022 15:43  
Operator : KP/MD  
Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

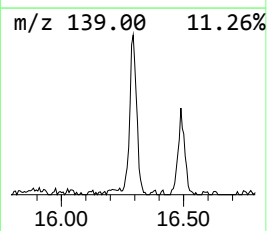
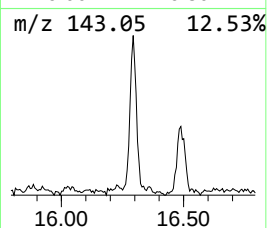
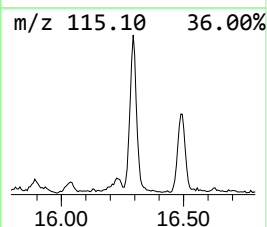
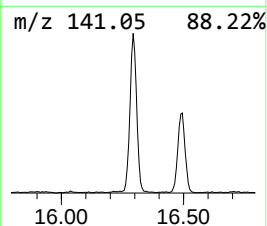
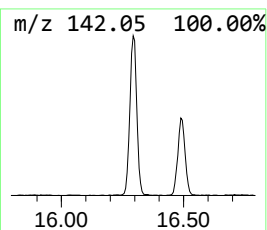
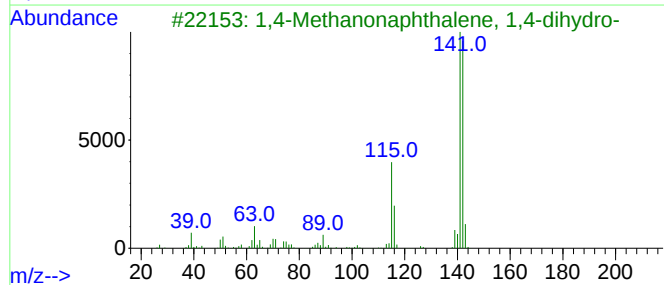
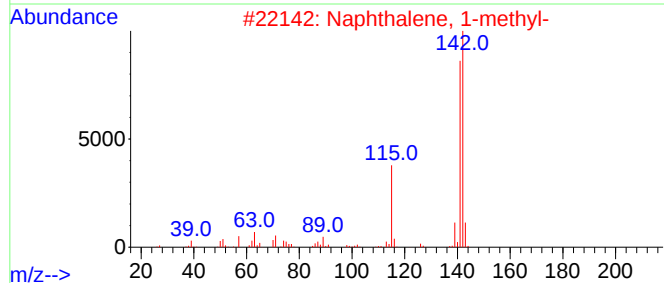
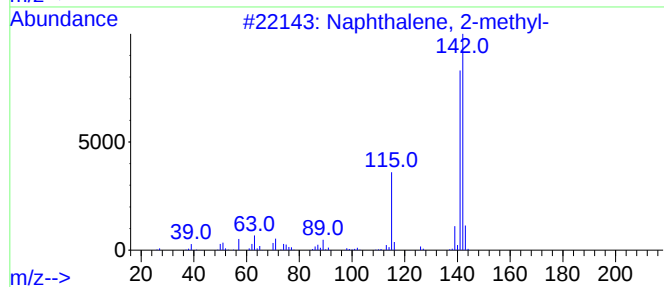
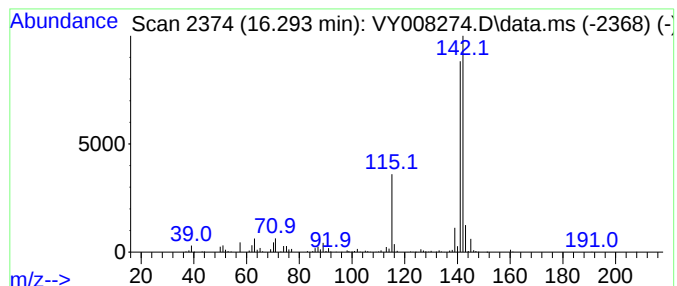
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.293 | 43.72 ug/l | 267389 | 1,4-Dichlorobenzene-d4 | 13.428 |

| 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 | 91   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 90   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
Data File : VY008274.D  
Acq On : 11 Apr 2022 15:43  
Operator : KP/MD  
Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

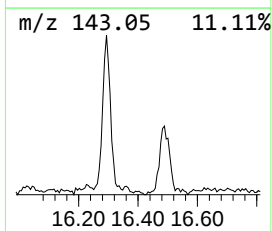
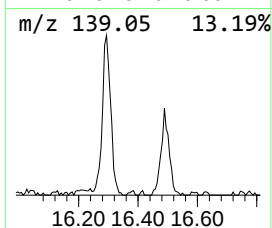
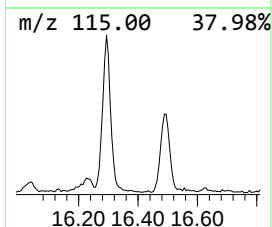
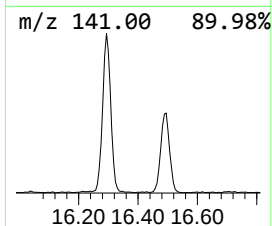
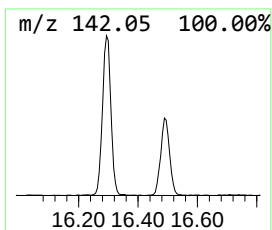
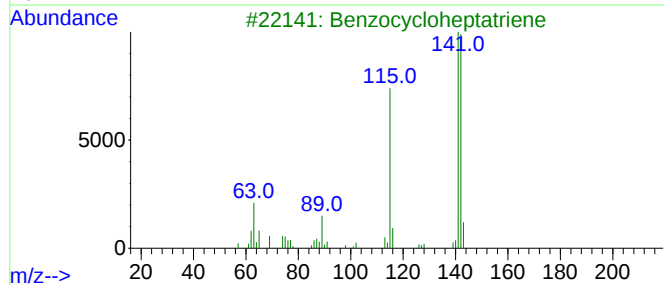
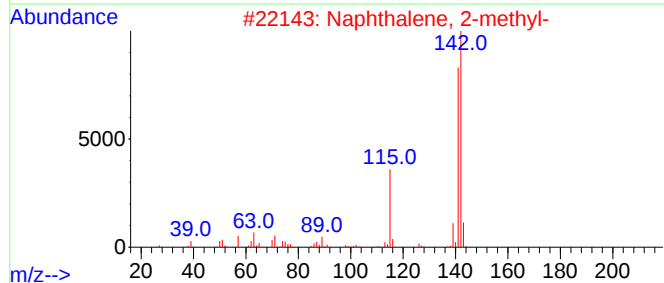
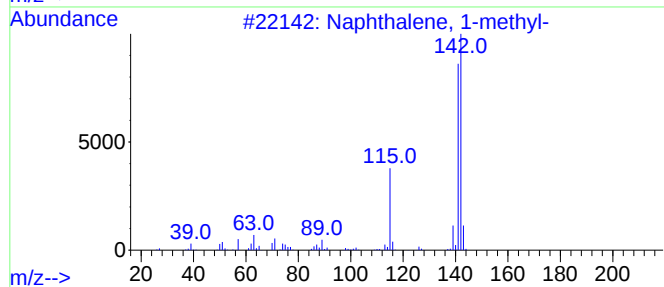
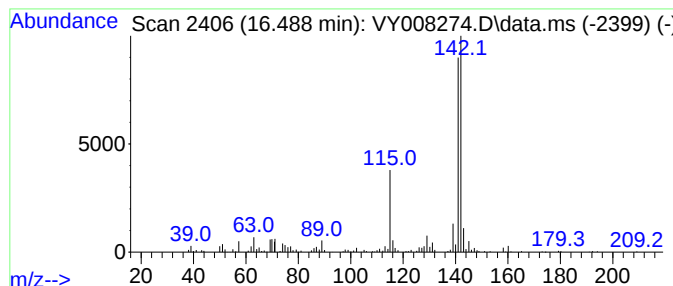
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.488 | 25.22 ug/l | 154245 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 93   |
| 4    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 90   |
| 5    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041122\  
Data File : VY008274.D  
Acq On : 11 Apr 2022 15:43  
Operator : KP/MD  
Sample : N2340-04  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-14.5-15.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.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 |
| Naphthalene, 1,... | 12.416 | 22.1    | ug/l  | 139333   | 3                     | 11.489 | 315356 | 50.0 |
| Naphthalene, 1,... | 12.953 | 27.0    | ug/l  | 165007   | 4                     | 13.428 | 305770 | 50.0 |
| Benzene, 1-ethy... | 13.971 | 8.4     | ug/l  | 51549    | 4                     | 13.428 | 305770 | 50.0 |
| Cyclohexane, pe... | 14.263 | 7.9     | ug/l  | 48167    | 4                     | 13.428 | 305770 | 50.0 |
| Benzene, 2-ethe... | 14.684 | 14.6    | ug/l  | 89401    | 4                     | 13.428 | 305770 | 50.0 |
| unknown14.733      | 14.733 | 12.1    | ug/l  | 73774    | 4                     | 13.428 | 305770 | 50.0 |
| unknown15.214      | 15.214 | 10.7    | ug/l  | 65373    | 4                     | 13.428 | 305770 | 50.0 |
| unknown15.733      | 15.733 | 8.9     | ug/l  | 54305    | 4                     | 13.428 | 305770 | 50.0 |
| Naphthalene, 2-... | 16.293 | 43.7    | ug/l  | 267389   | 4                     | 13.428 | 305770 | 50.0 |
| Naphthalene, 1-... | 16.488 | 25.2    | ug/l  | 154245   | 4                     | 13.428 | 305770 | 50.0 |