

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
 Data File : VY014934.D  
 Acq On : 02 Aug 2023 16:29  
 Operator : SY/MD  
 Sample : 03862-06  
 Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BUILDING-B-9-(5-10)

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\82Y071323S.M  
 Title : SW846 8260

Signal : TIC: VY014934.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         | 2.381       | 87            | 92          | 101          | rBV      | 16921          | 31268         | 1.46%           | 0.169%        |
| 2         | 2.893       | 168           | 176         | 186          | rBV2     | 13261          | 28737         | 1.34%           | 0.155%        |
| 3         | 3.241       | 226           | 233         | 243          | rVB3     | 10680          | 25124         | 1.17%           | 0.136%        |
| 4         | 3.954       | 339           | 350         | 360          | rBV2     | 13260          | 40850         | 1.91%           | 0.221%        |
| 5         | 4.180       | 376           | 387         | 400          | rBV      | 23106          | 64457         | 3.01%           | 0.348%        |
| 6         | 4.704       | 462           | 473         | 499          | rVB2     | 59133          | 217458        | 10.17%          | 1.174%        |
| 7         | 5.734       | 630           | 642         | 657          | rBV3     | 32453          | 105509        | 4.93%           | 0.570%        |
| 8         | 7.710       | 956           | 966         | 972          | rBV      | 156630         | 379316        | 17.73%          | 2.048%        |
| 9         | 7.783       | 972           | 978         | 987          | rVB      | 291290         | 645414        | 30.17%          | 3.485%        |
| 10        | 8.136       | 1026          | 1036        | 1048         | rBV2     | 207529         | 536409        | 25.07%          | 2.897%        |
| 11        | 8.685       | 1118          | 1126        | 1137         | rBV      | 434922         | 849228        | 39.70%          | 4.586%        |
| 12        | 9.179       | 1195          | 1207        | 1214         | rBV      | 51056          | 116302        | 5.44%           | 0.628%        |
| 13        | 9.935       | 1323          | 1331        | 1338         | rBV6     | 7960           | 25393         | 1.19%           | 0.137%        |
| 14        | 10.173      | 1362          | 1370        | 1377         | rBV      | 710901         | 1259703       | 58.89%          | 6.803%        |
| 15        | 10.240      | 1377          | 1381        | 1390         | rVV      | 103651         | 211032        | 9.86%           | 1.140%        |
| 16        | 10.368      | 1393          | 1402        | 1411         | rVB2     | 39012          | 103612        | 4.84%           | 0.560%        |
| 17        | 10.514      | 1421          | 1426        | 1432         | rVB2     | 21514          | 37062         | 1.73%           | 0.200%        |
| 18        | 10.929      | 1482          | 1494        | 1502         | rBV      | 35490          | 65138         | 3.04%           | 0.352%        |
| 19        | 11.032      | 1507          | 1511        | 1515         | rVV2     | 20123          | 32475         | 1.52%           | 0.175%        |
| 20        | 11.087      | 1515          | 1520        | 1525         | rVB      | 43691          | 73264         | 3.42%           | 0.396%        |
| 21        | 11.288      | 1543          | 1553        | 1559         | rVB5     | 10735          | 25805         | 1.21%           | 0.139%        |
| 22        | 11.483      | 1578          | 1585        | 1594         | rBV      | 641163         | 1034953       | 48.38%          | 5.589%        |
| 23        | 11.587      | 1595          | 1602        | 1606         | rBV3     | 26783          | 55484         | 2.59%           | 0.300%        |
| 24        | 11.691      | 1612          | 1619        | 1625         | rBV      | 70272          | 147688        | 6.90%           | 0.798%        |
| 25        | 12.026      | 1662          | 1674        | 1687         | rVB3     | 75275          | 219523        | 10.26%          | 1.185%        |
| 26        | 12.197      | 1698          | 1702        | 1705         | rBV3     | 26343          | 45655         | 2.13%           | 0.247%        |
| 27        | 12.233      | 1705          | 1708        | 1712         | rVB3     | 21450          | 33056         | 1.55%           | 0.179%        |
| 28        | 12.331      | 1713          | 1724        | 1732         | rBV      | 1099911        | 2139239       | 100.00%         | 11.553%       |
| 29        | 12.477      | 1743          | 1748        | 1761         | rVB      | 577724         | 1029648       | 48.13%          | 5.560%        |
| 30        | 12.581      | 1761          | 1765        | 1770         | rVB3     | 58017          | 96752         | 4.52%           | 0.522%        |
| 31        | 12.636      | 1770          | 1774        | 1781         | rVB3     | 29295          | 50914         | 2.38%           | 0.275%        |
| 32        | 12.733      | 1782          | 1790        | 1792         | rBV2     | 37009          | 77752         | 3.63%           | 0.420%        |
| 33        | 12.806      | 1798          | 1802        | 1805         | rBV      | 48567          | 64017         | 2.99%           | 0.346%        |
| 34        | 12.928      | 1805          | 1822        | 1834         | rBV5     | 334329         | 1940423       | 90.71%          | 10.479%       |
| 35        | 13.062      | 1835          | 1844        | 1850         | rBV2     | 138873         | 490289        | 22.92%          | 2.648%        |
| 36        | 13.270      | 1867          | 1878        | 1882         | rBV10    | 30923          | 94354         | 4.41%           | 0.510%        |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BUILDING-B-9-(5-10)

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\82Y071323S.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 13.337 | 1885 | 1889 | 1891 | rVV2 | 27099  | 36957   | 1.73%  | 0.200% |
| 38 | 13.367 | 1891 | 1894 | 1897 | rVB2 | 22673  | 27206   | 1.27%  | 0.147% |
| 39 | 13.422 | 1897 | 1903 | 1912 | rVB2 | 565824 | 947032  | 44.27% | 5.114% |
| 40 | 13.532 | 1912 | 1921 | 1923 | rBV3 | 75822  | 175659  | 8.21%  | 0.949% |
| 41 | 13.654 | 1931 | 1941 | 1951 | rVB3 | 168230 | 630850  | 29.49% | 3.407% |
| 42 | 13.745 | 1951 | 1956 | 1960 | rBV7 | 22555  | 33080   | 1.55%  | 0.179% |
| 43 | 13.800 | 1960 | 1965 | 1973 | rVB2 | 37709  | 73181   | 3.42%  | 0.395% |
| 44 | 13.965 | 1987 | 1992 | 1993 | rBV2 | 39175  | 56493   | 2.64%  | 0.305% |
| 45 | 14.007 | 1994 | 1999 | 2007 | rVB3 | 70638  | 192502  | 9.00%  | 1.040% |
| 46 | 14.263 | 2026 | 2041 | 2050 | rBV2 | 180665 | 835598  | 39.06% | 4.512% |
| 47 | 14.416 | 2062 | 2066 | 2070 | rVB5 | 17046  | 25915   | 1.21%  | 0.140% |
| 48 | 14.605 | 2094 | 2097 | 2102 | rVB3 | 23045  | 31632   | 1.48%  | 0.171% |
| 49 | 14.672 | 2102 | 2108 | 2111 | rBV2 | 63875  | 130919  | 6.12%  | 0.707% |
| 50 | 14.727 | 2113 | 2117 | 2128 | rVB3 | 71371  | 188480  | 8.81%  | 1.018% |
| 51 | 14.830 | 2128 | 2134 | 2138 | rBV4 | 45475  | 88390   | 4.13%  | 0.477% |
| 52 | 14.934 | 2147 | 2151 | 2159 | rVB5 | 41721  | 83559   | 3.91%  | 0.451% |
| 53 | 15.044 | 2164 | 2169 | 2177 | rVB6 | 28271  | 63241   | 2.96%  | 0.342% |
| 54 | 15.233 | 2189 | 2200 | 2206 | rBV  | 574053 | 1046410 | 48.92% | 5.651% |
| 55 | 15.391 | 2221 | 2226 | 2229 | rBV6 | 28028  | 57660   | 2.70%  | 0.311% |
| 56 | 15.592 | 2254 | 2259 | 2266 | rBV6 | 12875  | 32710   | 1.53%  | 0.177% |
| 57 | 15.720 | 2266 | 2280 | 2291 | rVV9 | 42682  | 184601  | 8.63%  | 0.997% |
| 58 | 15.891 | 2301 | 2308 | 2322 | rVB8 | 29625  | 122053  | 5.71%  | 0.659% |
| 59 | 16.031 | 2323 | 2331 | 2336 | rBV8 | 16601  | 40289   | 1.88%  | 0.218% |
| 60 | 16.226 | 2355 | 2363 | 2367 | rBV4 | 25695  | 67026   | 3.13%  | 0.362% |
| 61 | 16.287 | 2367 | 2373 | 2381 | rVB  | 173989 | 342879  | 16.03% | 1.852% |
| 62 | 16.482 | 2397 | 2405 | 2418 | rBV  | 280581 | 609879  | 28.51% | 3.294% |

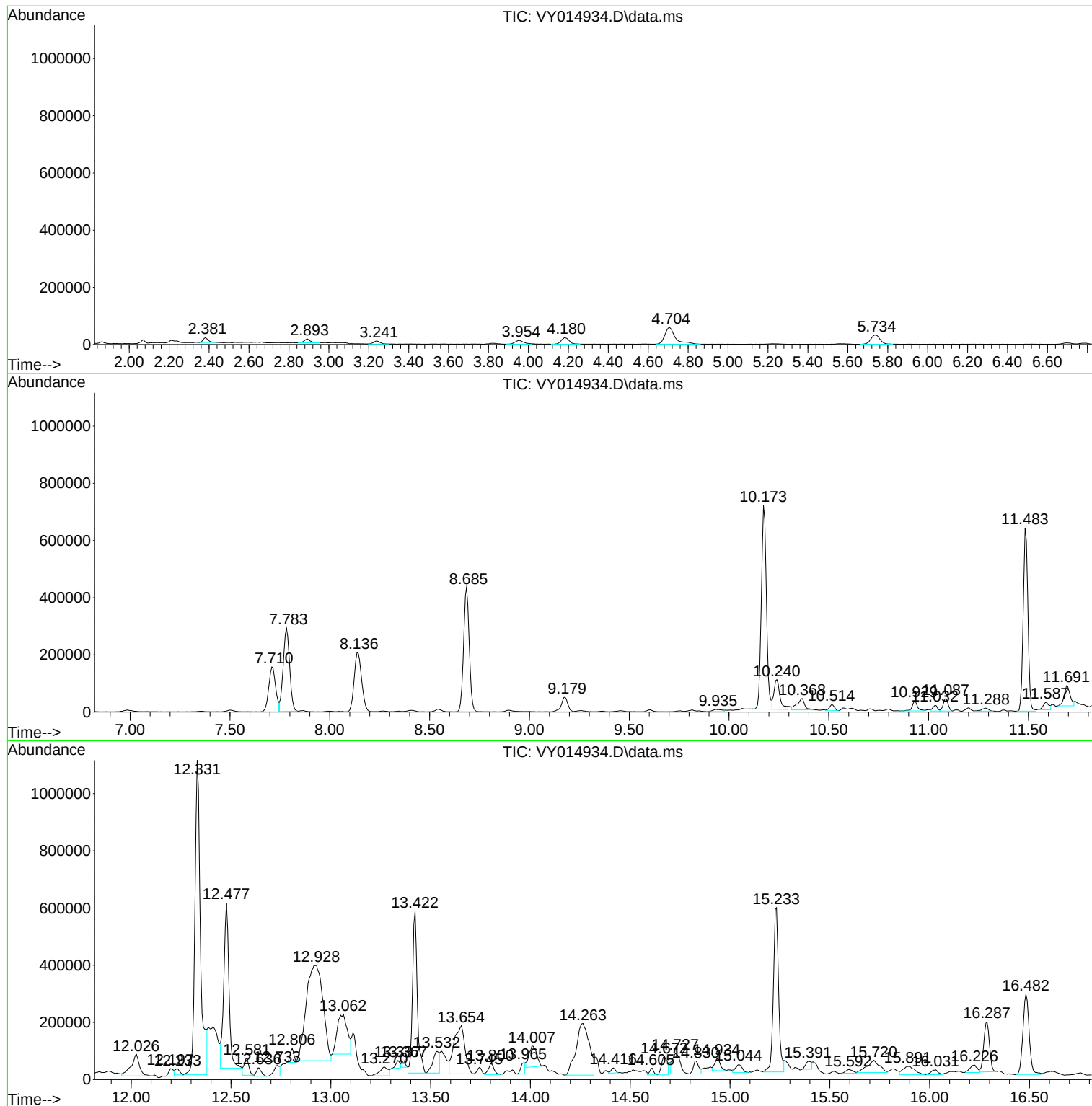
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
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Sample : 03862-06  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

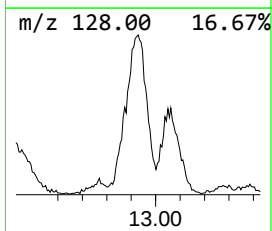
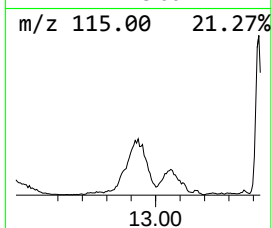
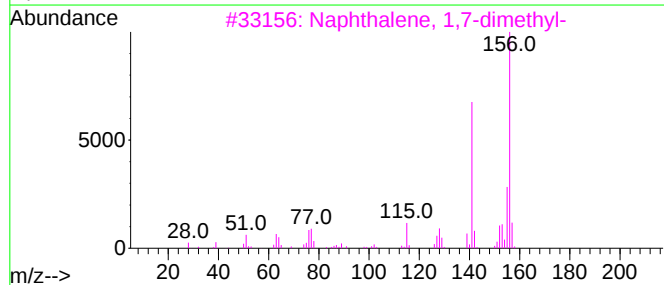
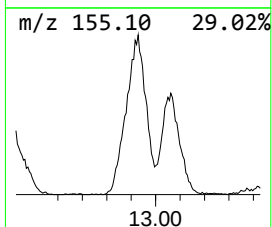
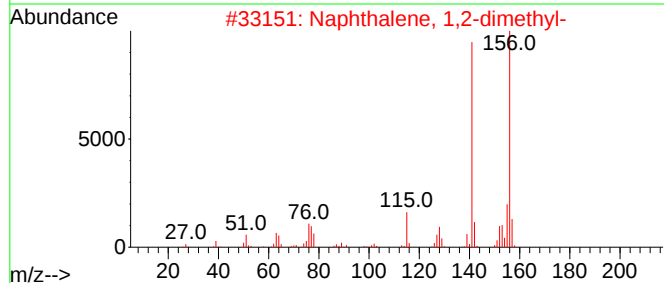
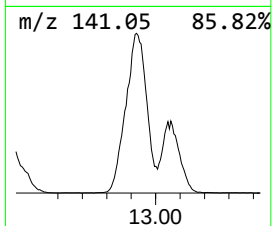
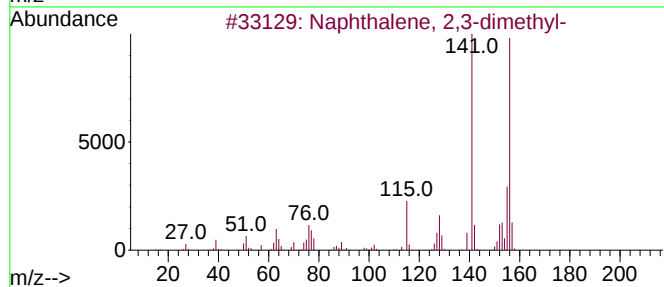
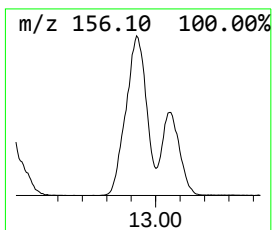
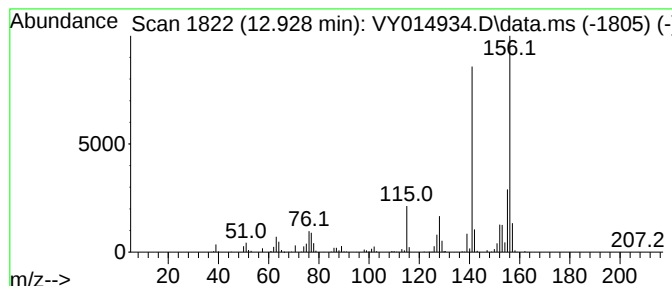
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.928 | 102.45 ug/l | 1940420 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 5    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |



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Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

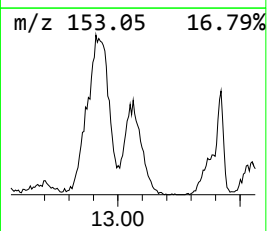
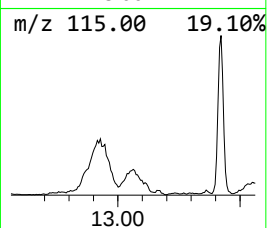
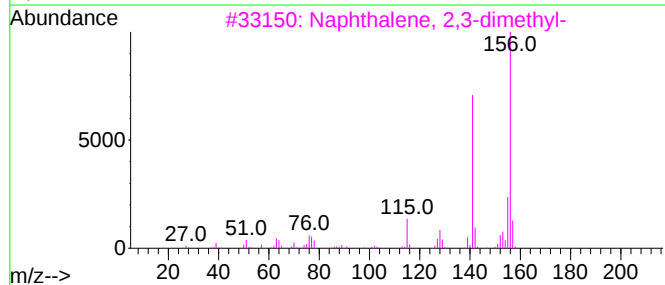
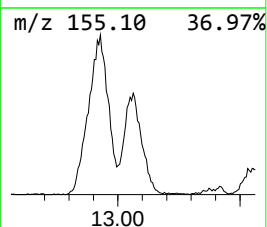
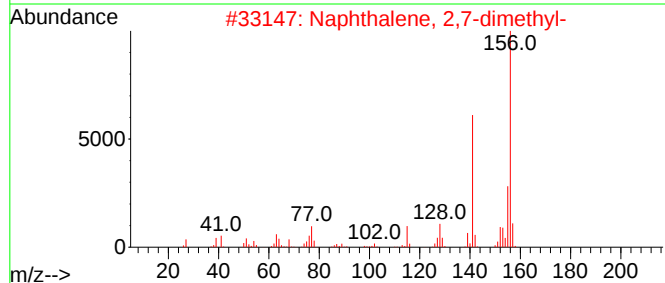
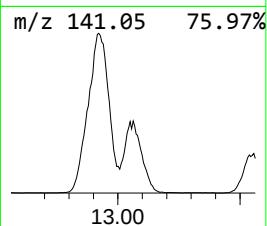
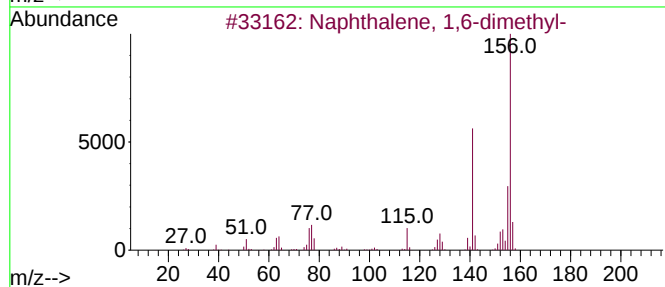
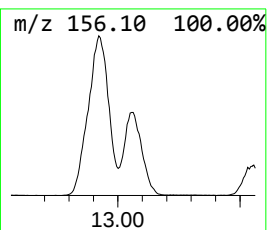
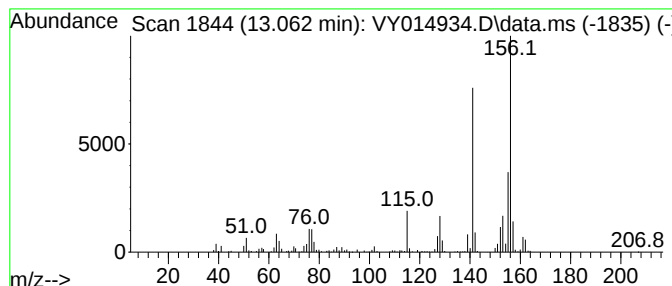
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.062 | 25.89 ug/l | 490289 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 2    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 5    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

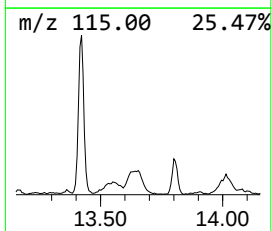
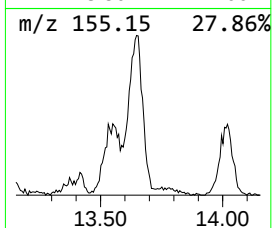
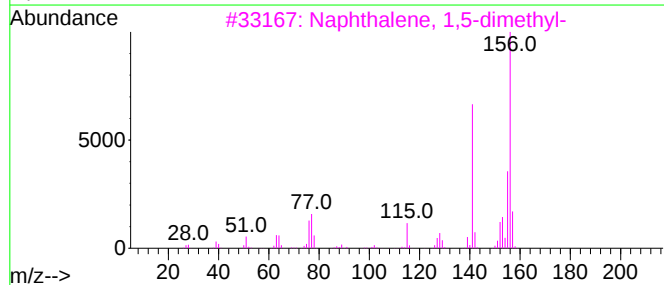
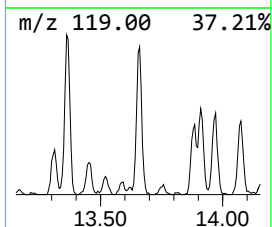
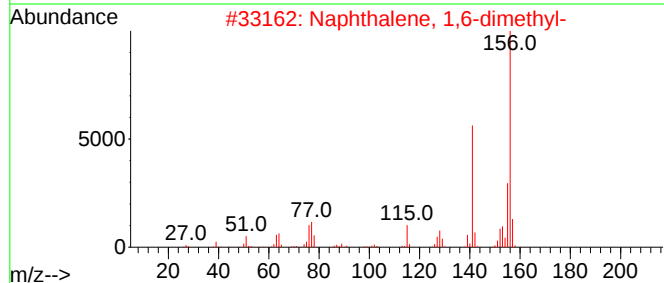
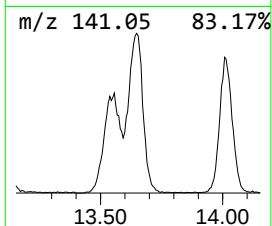
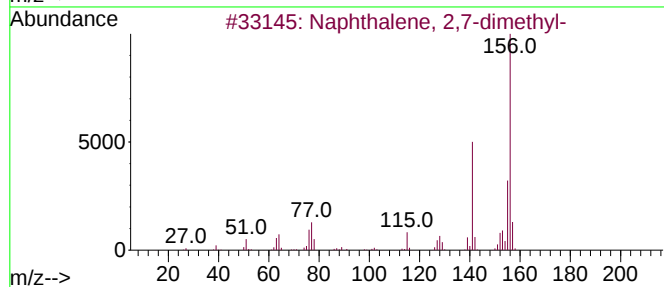
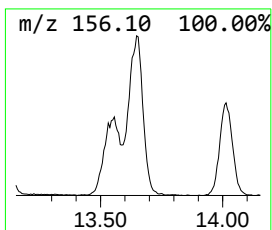
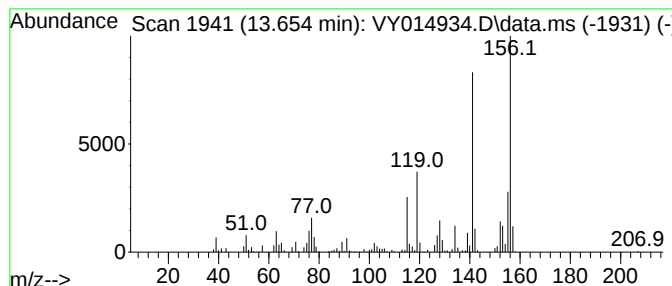
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.654 | 33.31 ug/l | 630850 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 3    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 95   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 95   |
| 5    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |



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MSVOA\_Y  
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BUILDING-B-9-(5-10)

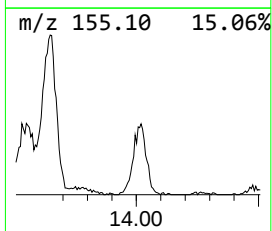
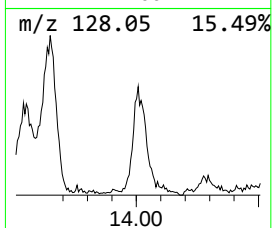
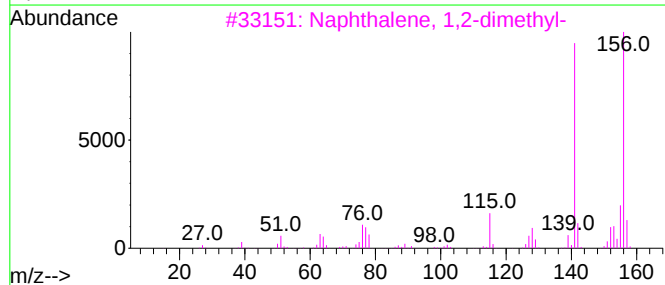
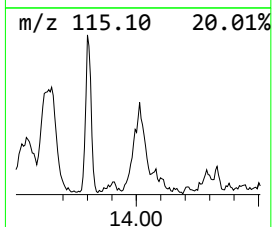
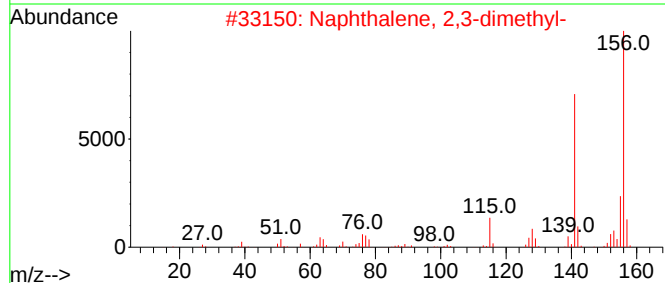
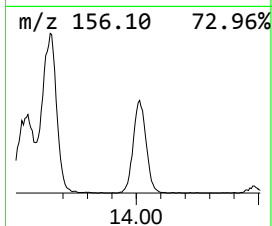
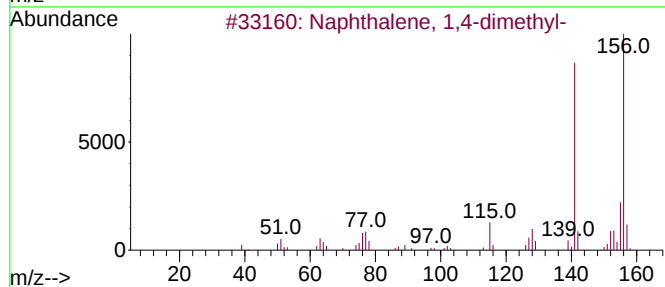
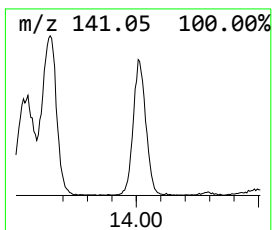
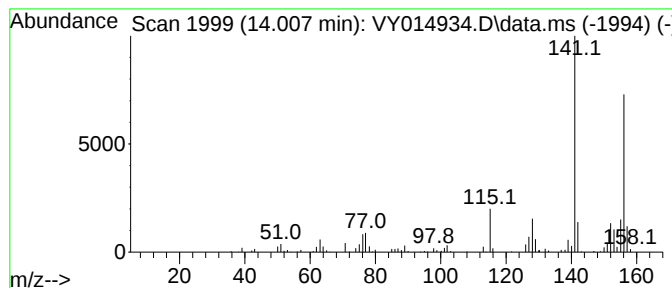
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.007 | 10.16 ug/l | 192502 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 95   |
| 2    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |
| 3    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 94   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 94   |
| 5    |    |   | Naphthalene, 1-ethyl-      | 156 | C12H12  | 001127-76-0 | 93   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
Data File : VY014934.D  
Acq On : 02 Aug 2023 16:29  
Operator : SY/MD  
Sample : 03862-06  
Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

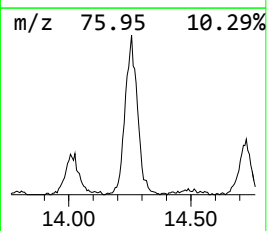
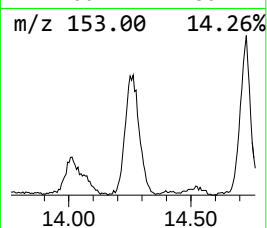
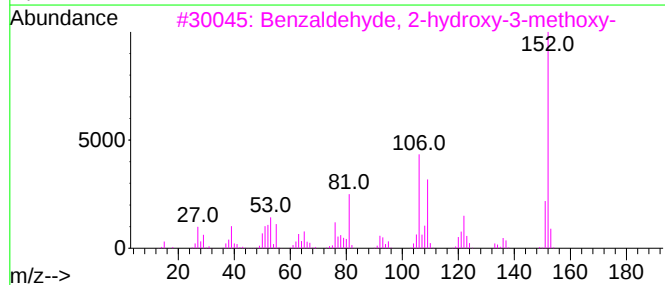
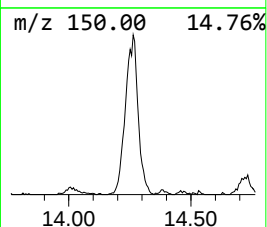
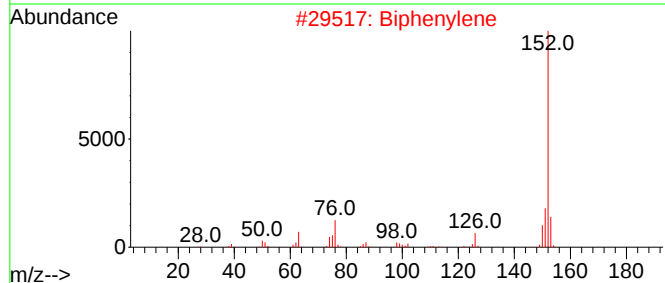
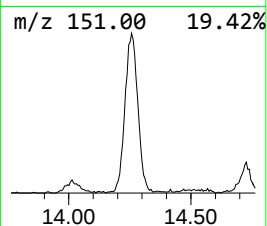
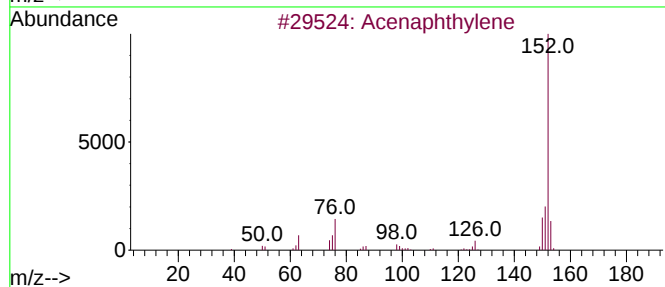
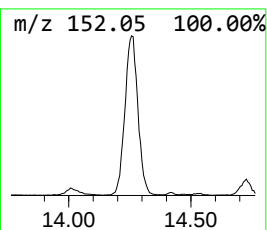
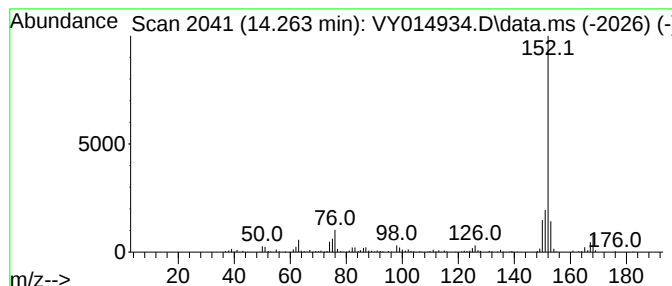
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Biphenylene Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.263 | 44.12 ug/l | 835598 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Acenaphthylene                      | 152 | C12H8   | 000208-96-8  | 95   |
| 2    |    |   | Biphenylene                         | 152 | C12H8   | 000259-79-0  | 93   |
| 3    |    |   | Benzaldehyde, 2-hydroxy-3-methoxy-  | 152 | C8H8O3  | 000148-53-8  | 64   |
| 4    |    |   | 5,6-Dihydro-4-methylthieno(2,3-d... | 152 | C7H8N2S | 092204-06-3  | 45   |
| 5    |    |   | (6Balpha,7beta,11alpha,11aalpha)... | 334 | C25H18O | 1000241-69-8 | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
Data File : VY014934.D  
Acq On : 02 Aug 2023 16:29  
Operator : SY/MD  
Sample : 03862-06  
Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

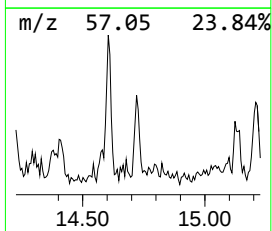
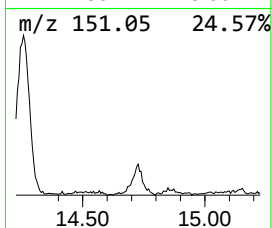
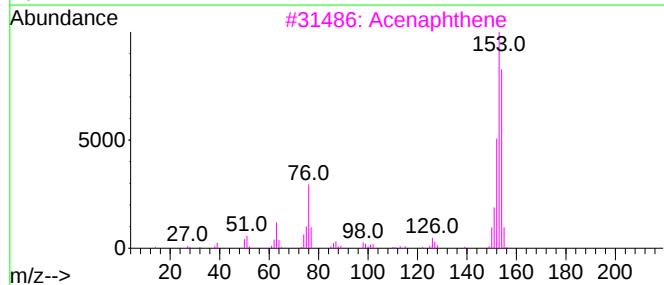
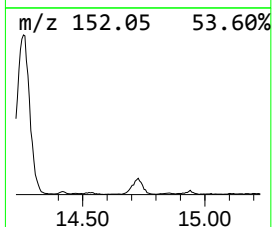
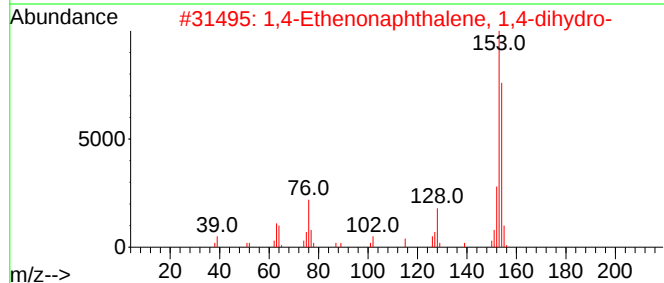
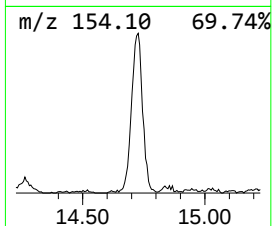
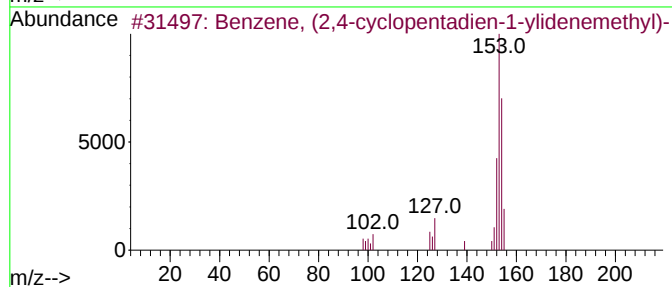
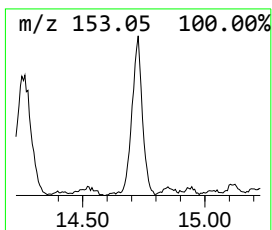
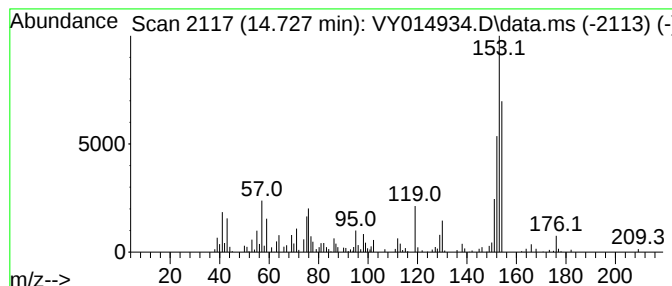
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Quant Title : SW846 8260

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

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Peak Number 6 unknown14.727 Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.727 | 9.95 ug/l | 188480 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2,4-cyclopentadien-1-y... | 154 | C12H10  | 007338-50-3 | 49   |
| 2    |    |   | 1,4-Ethenonaphthalene, 1,4-dihydro- | 154 | C12H10  | 007322-47-6 | 46   |
| 3    |    |   | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 43   |
| 4    |    |   | 3-Fluoro-para-anisaldehyde          | 154 | C8H7FO2 | 000351-54-2 | 38   |
| 5    |    |   | 2,4,6-Trihydroxybenzaldehyde        | 154 | C7H6O4  | 000487-70-7 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
Data File : VY014934.D  
Acq On : 02 Aug 2023 16:29  
Operator : SY/MD  
Sample : 03862-06  
Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

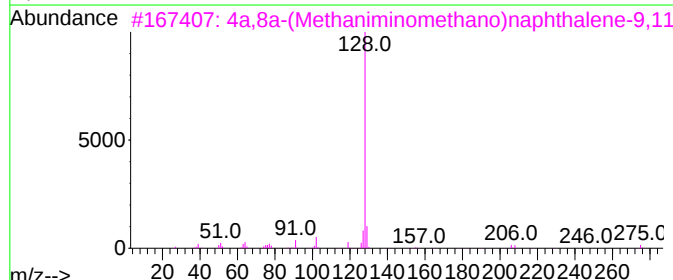
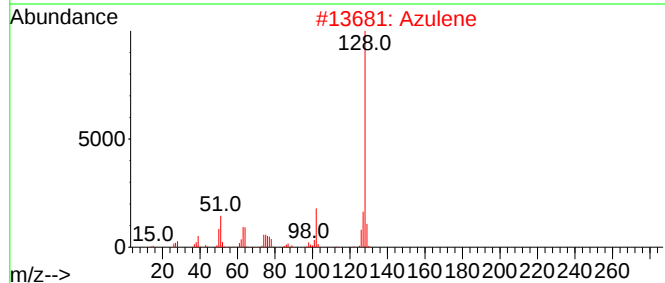
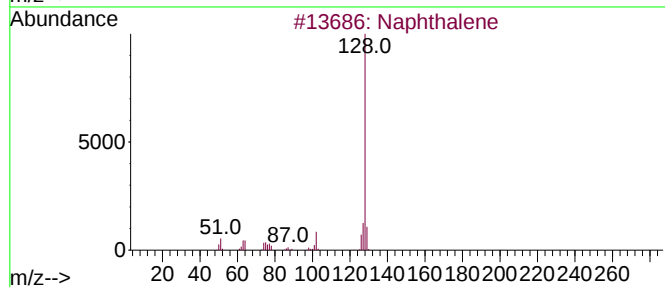
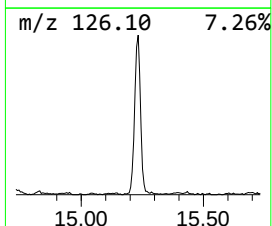
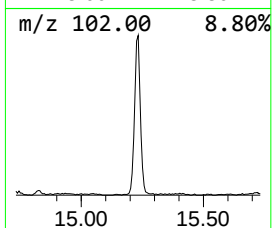
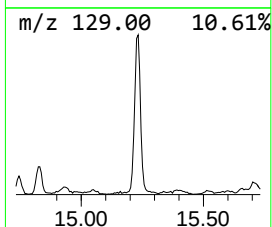
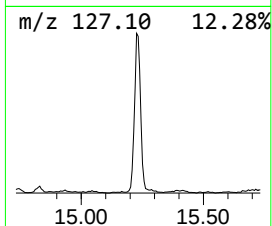
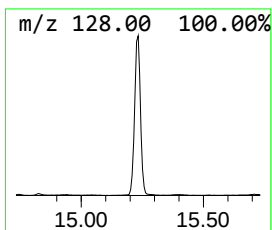
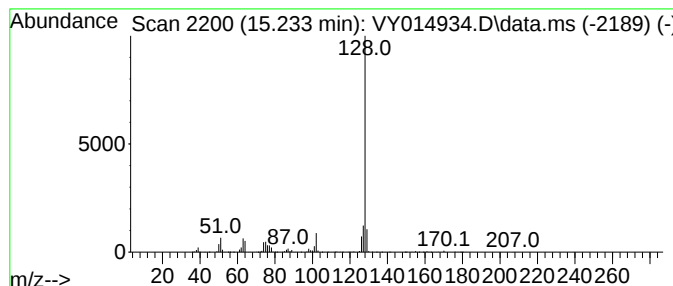
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Azulene Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.233 | 55.25 ug/l | 1046410 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Naphthalene                         | 128 | C10H8     | 000091-20-3 | 95   |
| 2    |    |   | Azulene                             | 128 | C10H8     | 000275-51-4 | 91   |
| 3    |    |   | 4a,8a-(Methaniminomethano)naphth... | 275 | C18H13NO2 | 069915-10-2 | 78   |
| 4    |    |   | 1,3-Dicyanobenzene                  | 128 | C8H4N2    | 000626-17-5 | 59   |
| 5    |    |   | 1H-Cyclopenta[c]thiophene, hexah... | 128 | C7H12S    | 053907-80-5 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
Data File : VY014934.D  
Acq On : 02 Aug 2023 16:29  
Operator : SY/MD  
Sample : 03862-06  
Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

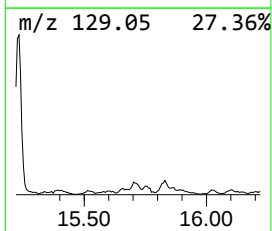
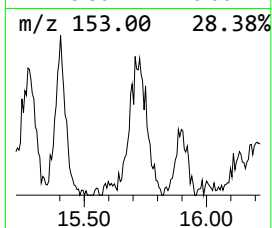
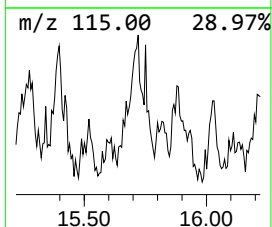
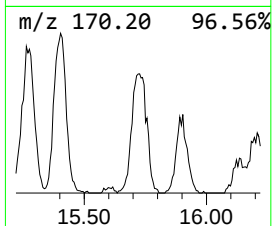
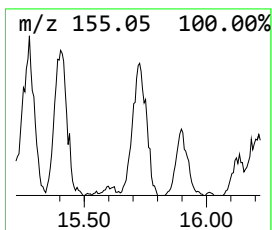
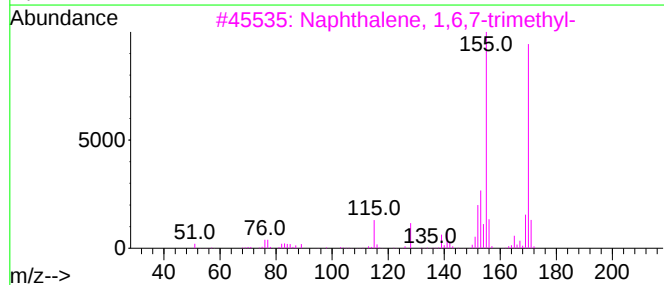
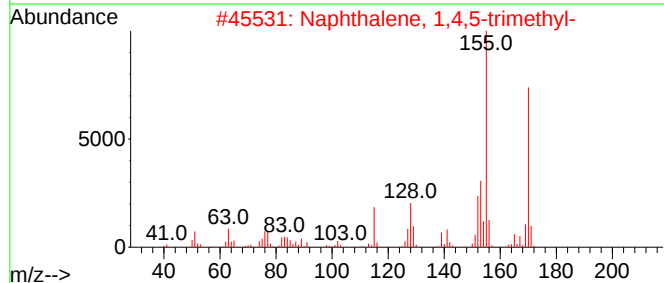
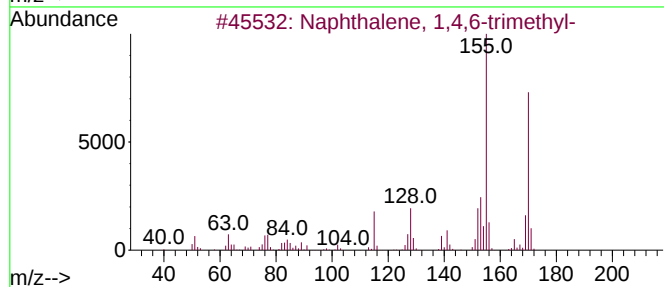
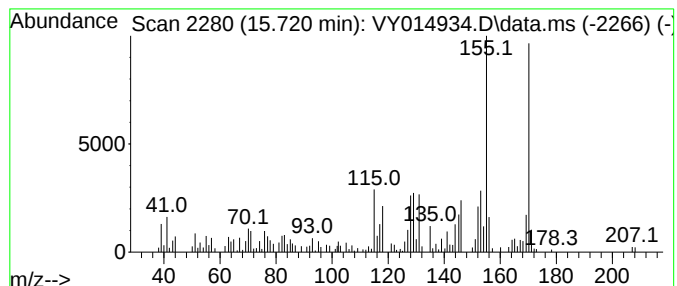
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Quant Title : SW846 8260

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

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Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.720 | 9.75 ug/l | 184601 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 1,4,6-trimethyl-   | 170 | C13H14  | 002131-42-2  | 97   |
| 2    |    |   | Naphthalene, 1,4,5-trimethyl-   | 170 | C13H14  | 002131-41-1  | 96   |
| 3    |    |   | Naphthalene, 1,6,7-trimethyl-   | 170 | C13H14  | 002245-38-7  | 93   |
| 4    |    |   | Naphthalene, 2,3,6-trimethyl-   | 170 | C13H14  | 000829-26-5  | 93   |
| 5    |    |   | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14  | 1000187-78-5 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
Data File : VY014934.D  
Acq On : 02 Aug 2023 16:29  
Operator : SY/MD  
Sample : 03862-06  
Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

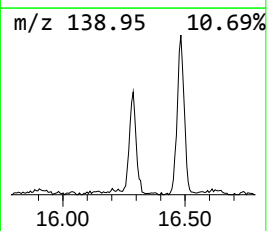
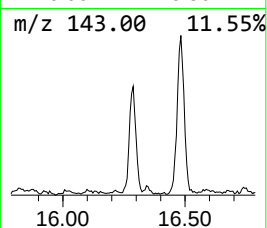
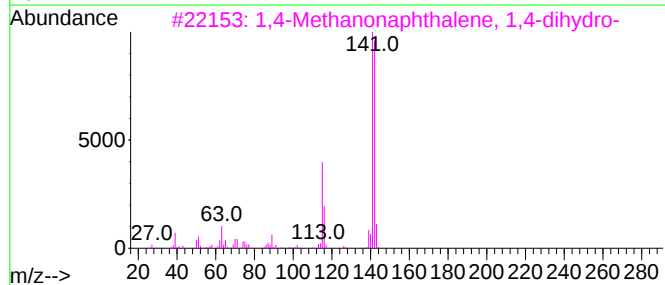
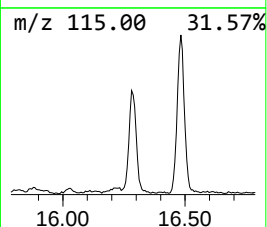
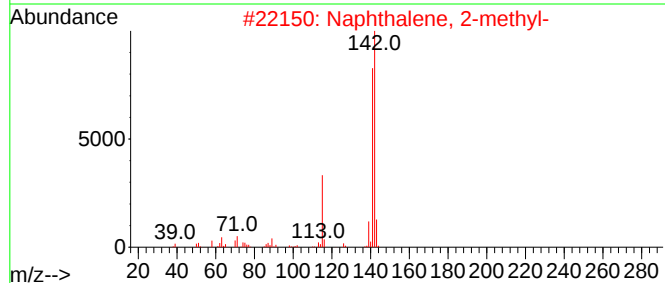
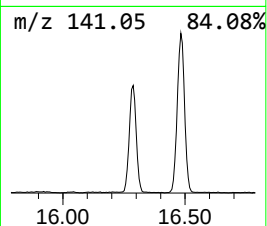
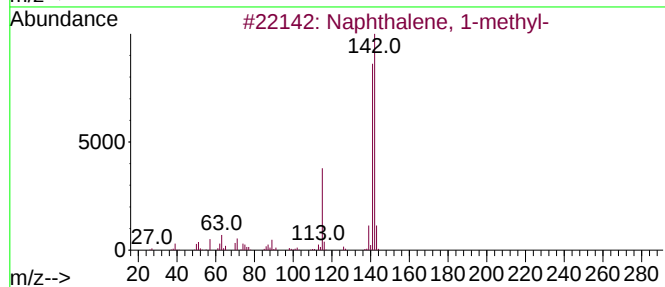
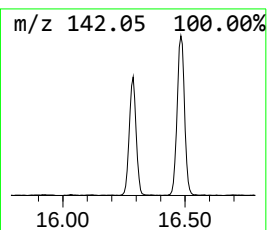
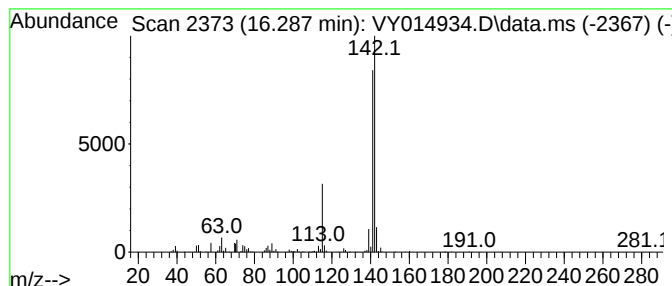
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.287 | 18.10 ug/l | 342879 | 1,4-Dichlorobenzene-d4 | 13.422 |

| 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    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 5    |    |   | 1-Naphthaleneethylamine             | 171 | C12H13N | 004735-50-6 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
Data File : VY014934.D  
Acq On : 02 Aug 2023 16:29  
Operator : SY/MD  
Sample : 03862-06  
Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

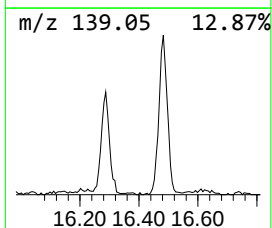
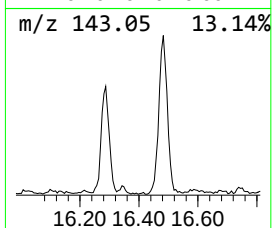
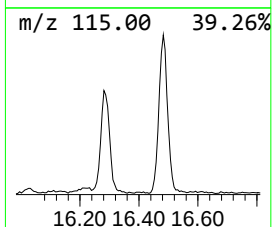
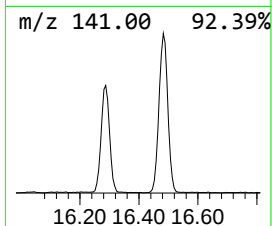
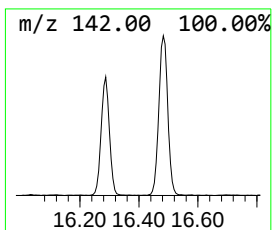
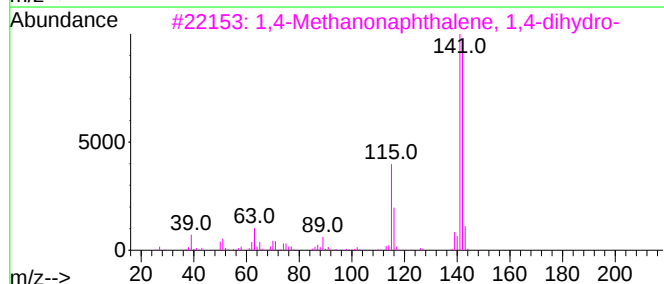
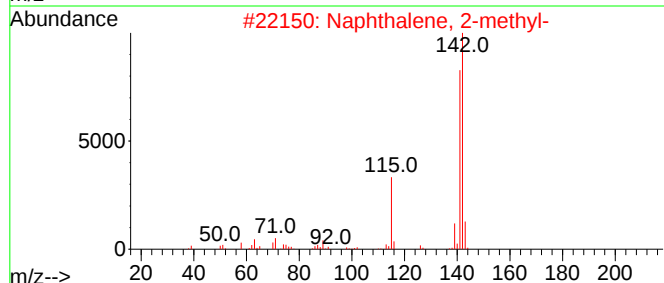
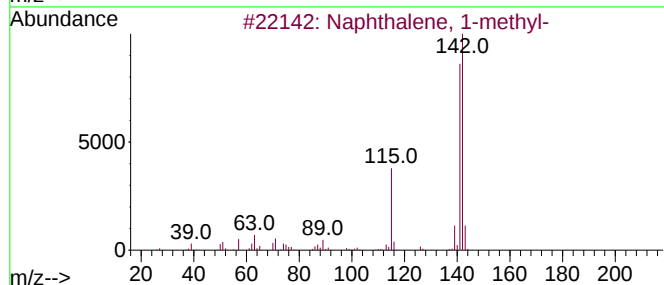
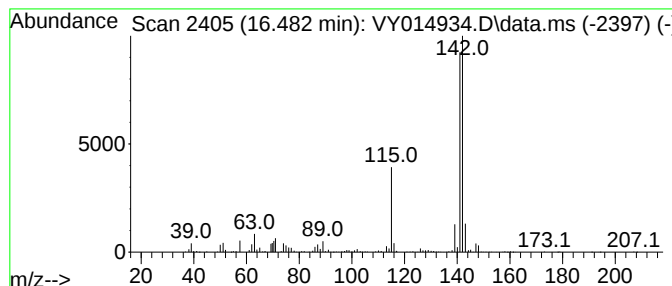
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Quant Title : SW846 8260

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

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Peak Number 10 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 16.483    | 32.20 ug/l                          | 609879 | 1,4-Dichlorobenzene-d4 | 13.422      |      |
| 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         | 1,4-Methanonaphthalene, 1,4-dihy... | 142    | C11H10                 | 004453-90-1 | 94   |
| 4         | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142    | C11H10                 | 002443-46-1 | 91   |
| 5         | Benzocycloheptatriene               | 142    | C11H10                 | 000264-09-5 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080223\  
Data File : VY014934.D  
Acq On : 02 Aug 2023 16:29  
Operator : SY/MD  
Sample : 03862-06  
Misc : 6.33g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BUILDING-B-9-(5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.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, 2,... | 12.928 | 102.5   | ug/l  | 1940420  | 4                     | 13.422 | 947032 | 50.0 |
| Naphthalene, 1,... | 13.062 | 25.9    | ug/l  | 490289   | 4                     | 13.422 | 947032 | 50.0 |
| Naphthalene, 2,... | 13.654 | 33.3    | ug/l  | 630850   | 4                     | 13.422 | 947032 | 50.0 |
| Naphthalene, 1,... | 14.007 | 10.2    | ug/l  | 192502   | 4                     | 13.422 | 947032 | 50.0 |
| Biphenylene        | 14.263 | 44.1    | ug/l  | 835598   | 4                     | 13.422 | 947032 | 50.0 |
| unknown14.727      | 14.727 | 9.9     | ug/l  | 188480   | 4                     | 13.422 | 947032 | 50.0 |
| Azulene            | 15.233 | 55.3    | ug/l  | 1046410  | 4                     | 13.422 | 947032 | 50.0 |
| Naphthalene, 1,... | 15.720 | 9.8     | ug/l  | 184601   | 4                     | 13.422 | 947032 | 50.0 |
| 1,4-Methanonaph... | 16.287 | 18.1    | ug/l  | 342879   | 4                     | 13.422 | 947032 | 50.0 |
| Bicyclo[4.4.1]u... | 16.483 | 32.2    | ug/l  | 609879   | 4                     | 13.422 | 947032 | 50.0 |