

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092923\  
 Data File : VY015766.D  
 Acq On : 29 Sep 2023 20:13  
 Operator : SY/MD  
 Sample : 04657-02  
 Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 U-2(2-6IN)

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\82Y091923S.M  
 Title : SW846 8260

Signal : TIC: VY015766.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         | 7.728       | 959           | 969         | 975          | rBV      | 111318         | 272555        | 7.35%           | 1.318%        |
| 2         | 7.801       | 975           | 981         | 991          | rVB      | 186877         | 417178        | 11.26%          | 2.018%        |
| 3         | 8.155       | 1029          | 1039        | 1051         | rBV      | 125117         | 280348        | 7.56%           | 1.356%        |
| 4         | 8.697       | 1119          | 1128        | 1141         | rBV      | 296745         | 578174        | 15.60%          | 2.797%        |
| 5         | 10.185      | 1365          | 1372        | 1379         | rBV      | 478124         | 863231        | 23.29%          | 4.176%        |
| 6         | 10.319      | 1379          | 1394        | 1396         | rBV4     | 58303          | 244243        | 6.59%           | 1.181%        |
| 7         | 11.496      | 1580          | 1587        | 1594         | rBV      | 426620         | 697850        | 18.83%          | 3.376%        |
| 8         | 11.709      | 1608          | 1622        | 1625         | rBV4     | 45487          | 152346        | 4.11%           | 0.737%        |
| 9         | 11.898      | 1650          | 1653        | 1670         | rVB4     | 44841          | 181191        | 4.89%           | 0.876%        |
| 10        | 12.428      | 1716          | 1740        | 1741         | rBV      | 398037         | 1637628       | 44.19%          | 7.922%        |
| 11        | 12.489      | 1746          | 1750        | 1778         | rVB7     | 687453         | 2073272       | 55.94%          | 10.029%       |
| 12        | 12.800      | 1788          | 1801        | 1809         | rBV2     | 73419          | 317963        | 8.58%           | 1.538%        |
| 13        | 12.971      | 1811          | 1829        | 1840         | rVV      | 762127         | 3706174       | 100.00%         | 17.928%       |
| 14        | 13.117      | 1841          | 1853        | 1869         | rVB3     | 364551         | 1898367       | 51.22%          | 9.183%        |
| 15        | 13.306      | 1877          | 1884        | 1885         | rBV2     | 22372          | 40928         | 1.10%           | 0.198%        |
| 16        | 13.428      | 1899          | 1904        | 1913         | rVB      | 397460         | 666350        | 17.98%          | 3.223%        |
| 17        | 13.587      | 1918          | 1930        | 1935         | rVV4     | 118835         | 485819        | 13.11%          | 2.350%        |
| 18        | 13.672      | 1937          | 1944        | 1958         | rVV3     | 208364         | 745863        | 20.12%          | 3.608%        |
| 19        | 13.812      | 1961          | 1967        | 1978         | rVB3     | 39169          | 89558         | 2.42%           | 0.433%        |
| 20        | 13.971      | 1988          | 1993        | 1996         | rBV3     | 22582          | 43602         | 1.18%           | 0.211%        |
| 21        | 14.038      | 1996          | 2004        | 2021         | rVB2     | 115645         | 401707        | 10.84%          | 1.943%        |
| 22        | 14.300      | 2036          | 2047        | 2062         | rVB5     | 58842          | 223501        | 6.03%           | 1.081%        |
| 23        | 14.538      | 2080          | 2086        | 2097         | rVB7     | 20138          | 73189         | 1.97%           | 0.354%        |
| 24        | 14.733      | 2104          | 2118        | 2130         | rVB      | 135072         | 491197        | 13.25%          | 2.376%        |
| 25        | 14.842      | 2130          | 2136        | 2139         | rBV4     | 19496          | 39372         | 1.06%           | 0.190%        |
| 26        | 15.239      | 2192          | 2201        | 2213         | rBV      | 1448481        | 2416077       | 65.19%          | 11.687%       |
| 27        | 15.336      | 2213          | 2217        | 2222         | rVV      | 36182          | 65878         | 1.78%           | 0.319%        |
| 28        | 15.440      | 2223          | 2234        | 2252         | rVB2     | 74787          | 296734        | 8.01%           | 1.435%        |
| 29        | 16.293      | 2368          | 2374        | 2389         | rVB      | 391067         | 785345        | 21.19%          | 3.799%        |
| 30        | 16.495      | 2399          | 2407        | 2418         | rVB      | 235528         | 487017        | 13.14%          | 2.356%        |

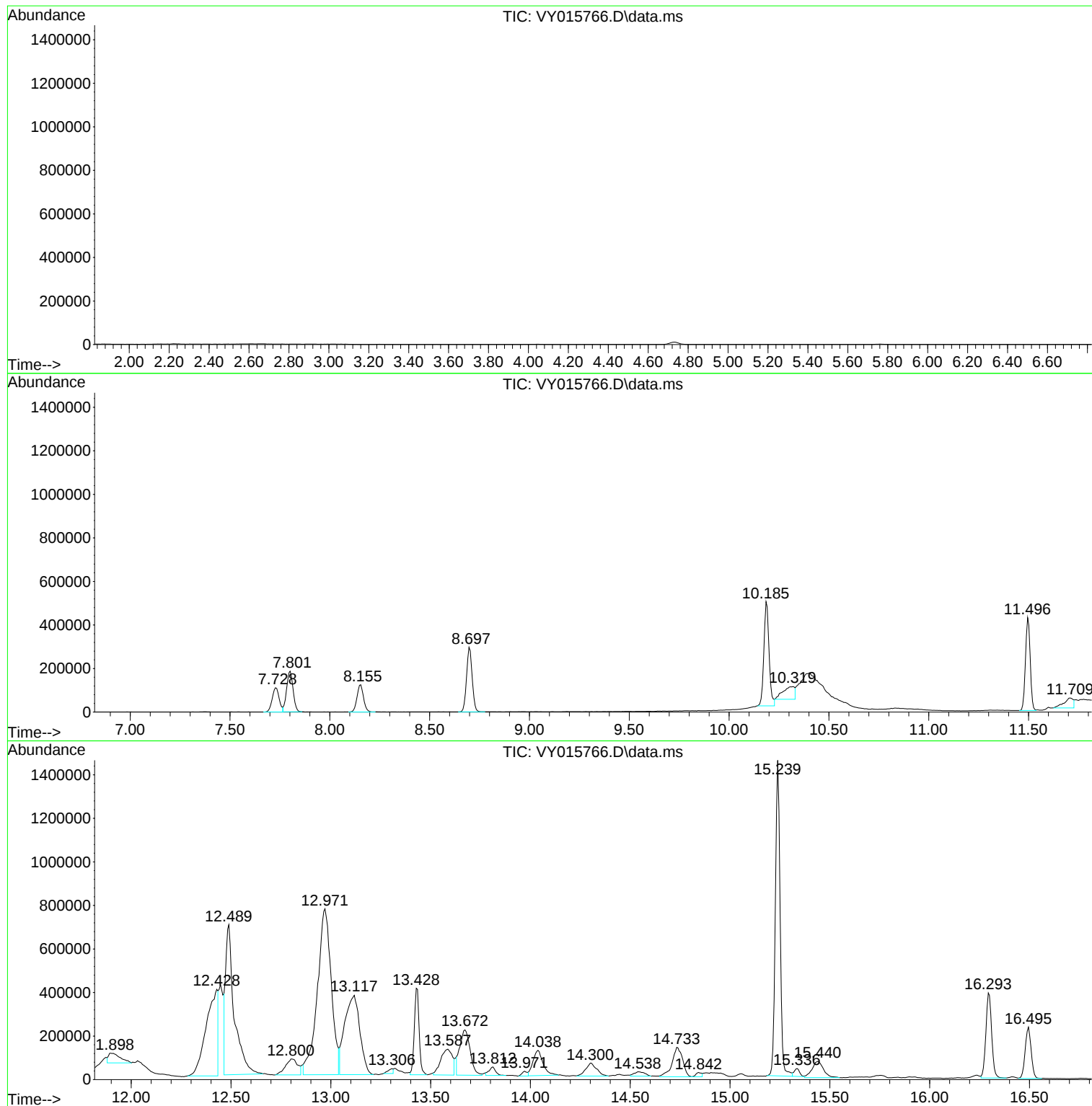
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

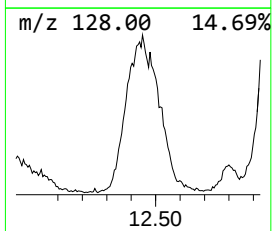
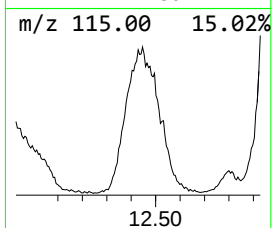
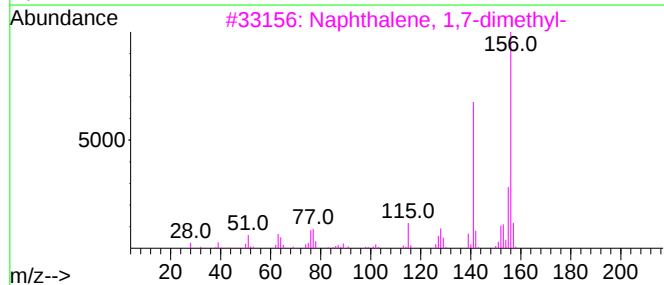
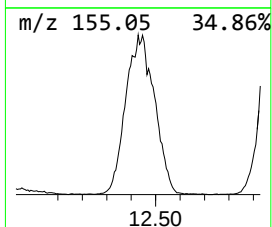
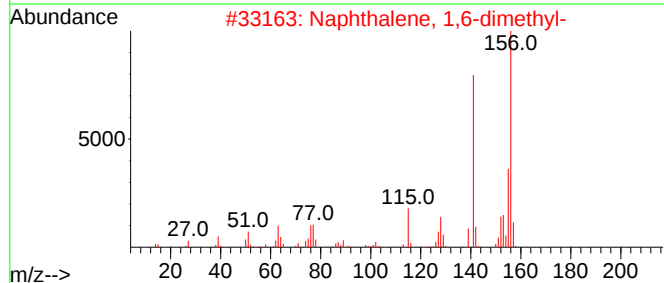
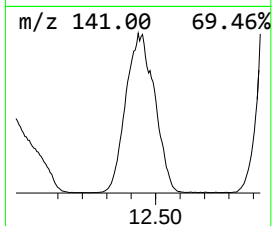
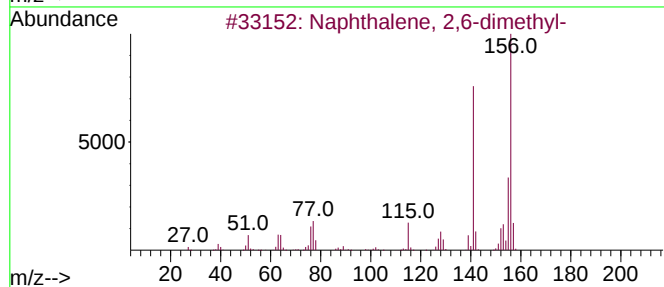
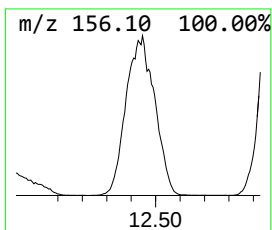
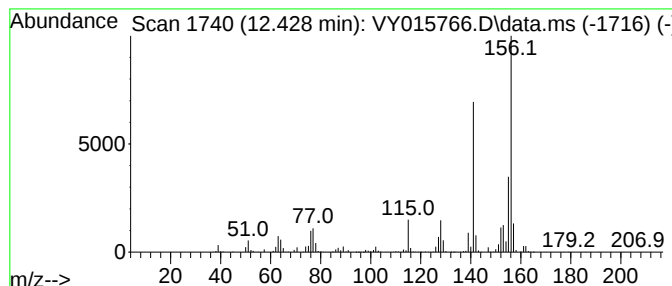
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 12.428 | 117.33 ug/l | 1637630 | Chlorobenzene-d5 | 11.496 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 5    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

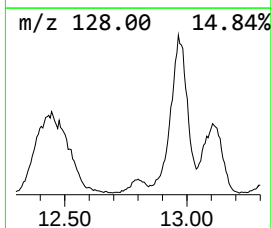
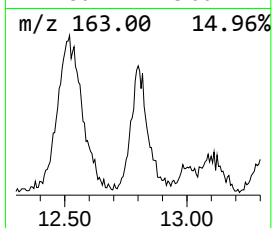
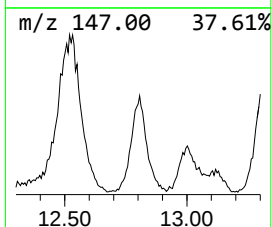
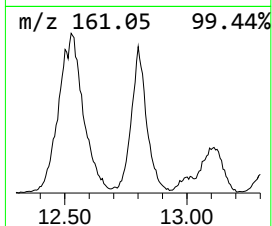
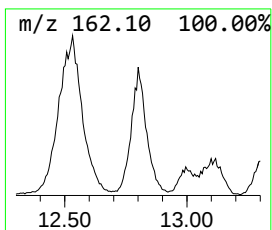
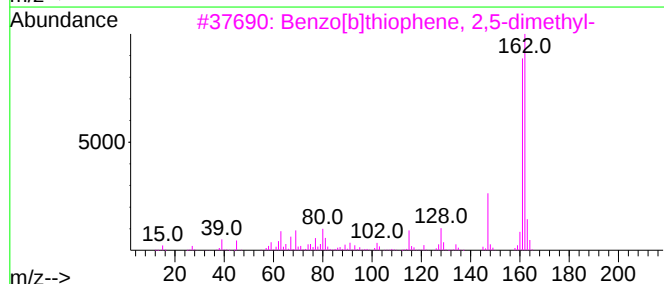
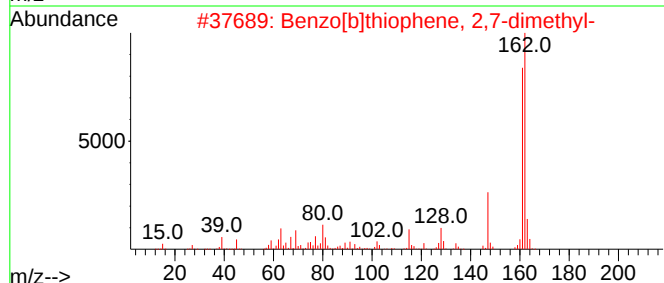
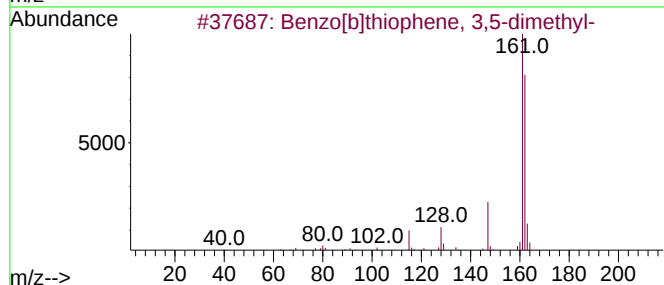
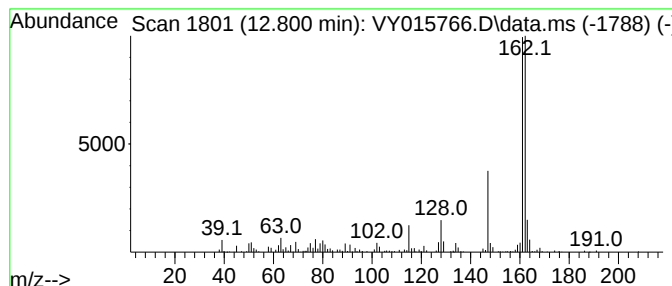
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzo[b]thiophene, 3,5-dime... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.800 | 23.86 ug/l | 317963 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzo[b]thiophene, 3,5-dimethyl-    | 162 | C10H10S | 001964-45-0  | 97   |
| 2    |    |   | Benzo[b]thiophene, 2,7-dimethyl-    | 162 | C10H10S | 016587-40-9  | 94   |
| 3    |    |   | Benzo[b]thiophene, 2,5-dimethyl-    | 162 | C10H10S | 016587-48-7  | 90   |
| 4    |    |   | 2,5-Dimethylthiophene-3,4-dicarb... | 162 | C8H6N2S | 1000305-40-9 | 78   |
| 5    |    |   | Benzo[b]thiophene, 3,6-dimethyl-    | 162 | C10H10S | 016587-50-1  | 64   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

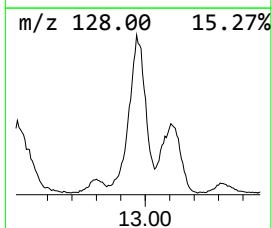
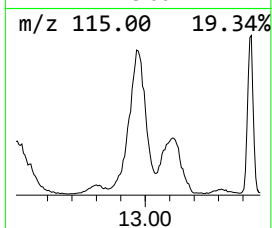
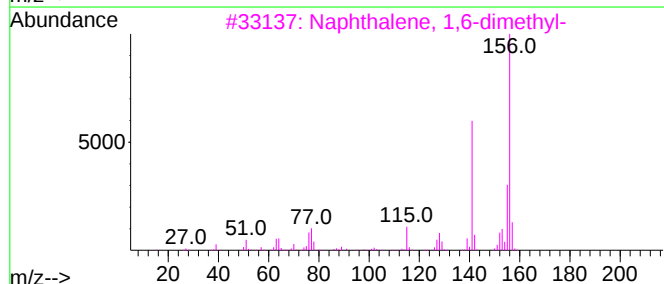
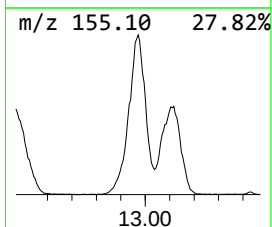
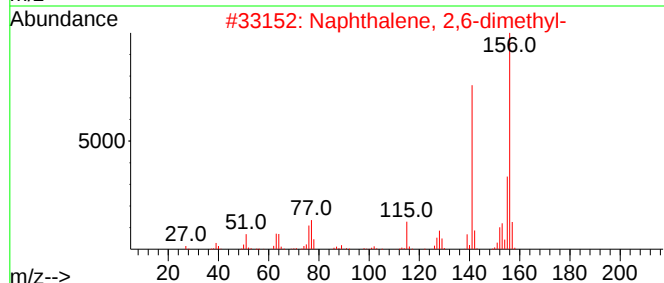
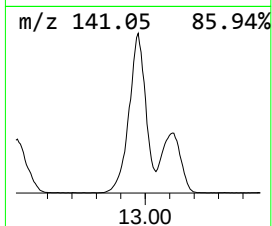
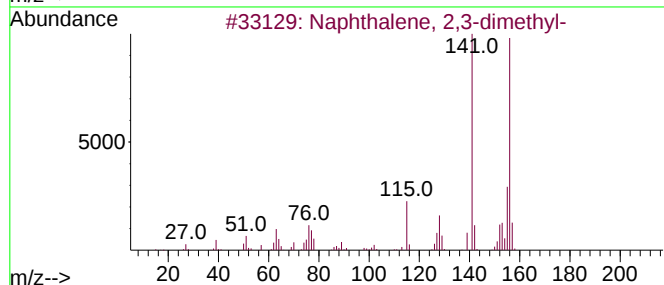
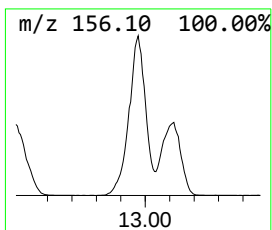
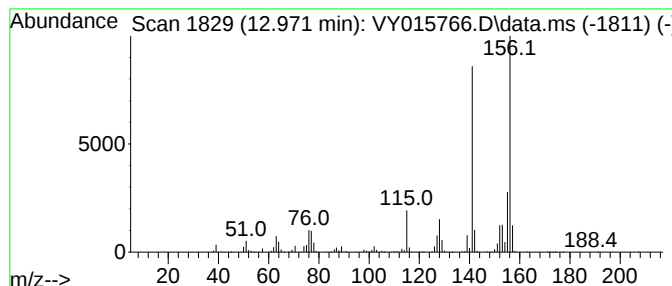
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.971 | 278.10 ug/l | 3706170 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 3    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 5    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |



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Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

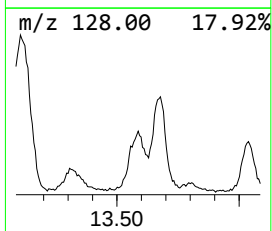
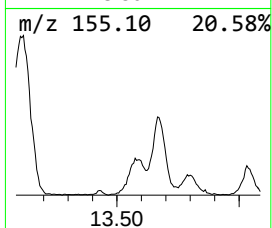
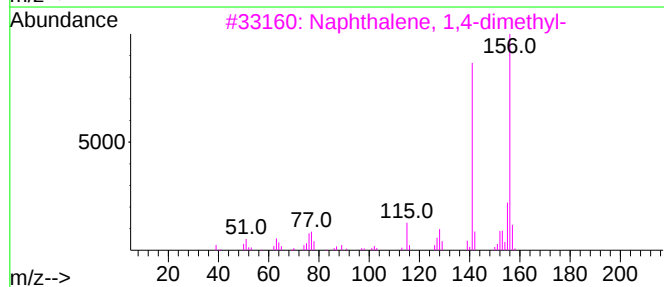
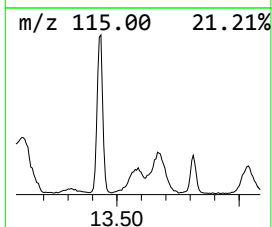
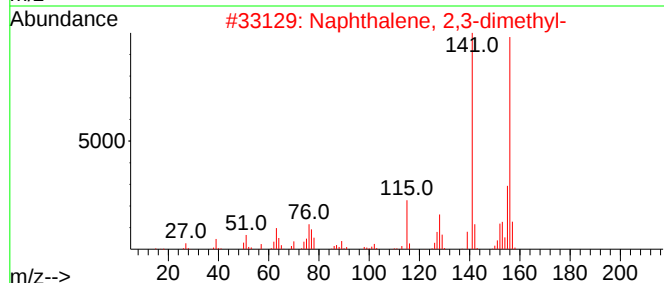
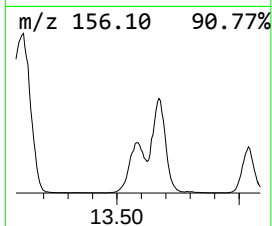
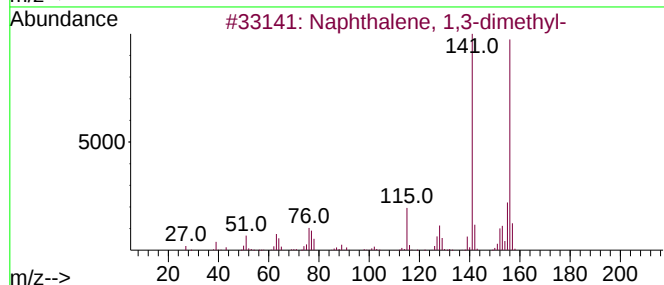
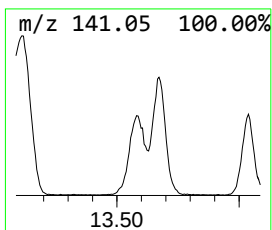
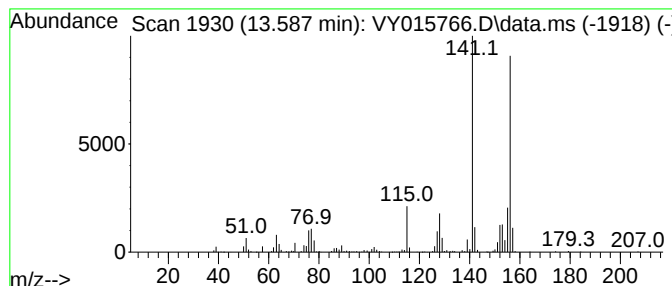
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.587 | 36.45 ug/l | 485819 | 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 | 96   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 4    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |
| 5    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 94   |



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U-2(2-6IN)

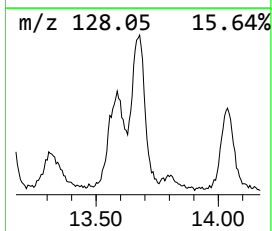
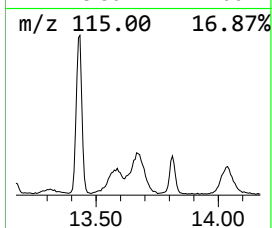
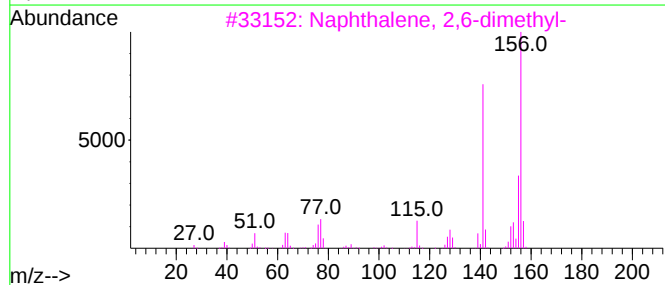
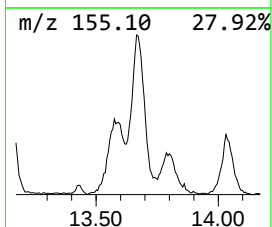
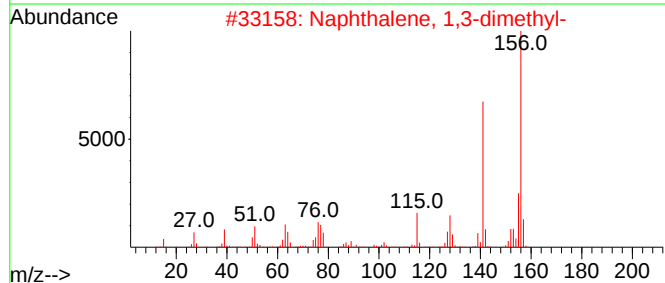
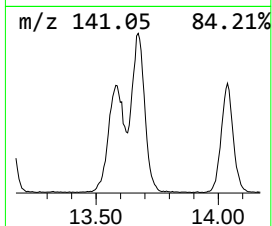
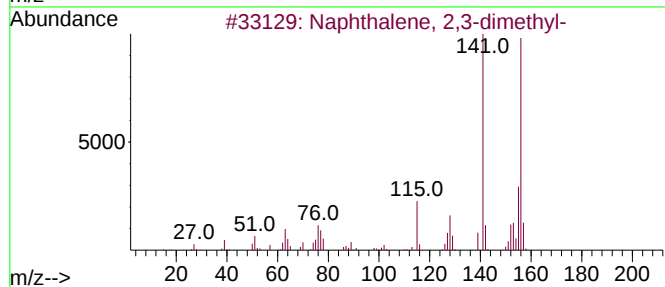
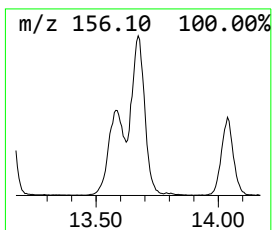
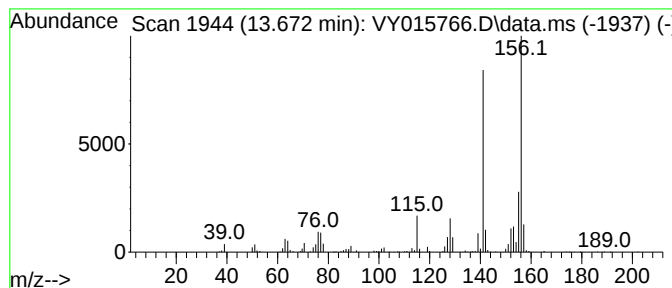
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Quant Title : SW846 8260

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.672 | 55.97 ug/l | 745863 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 3    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 5    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092923\  
Data File : VY015766.D  
Acq On : 29 Sep 2023 20:13  
Operator : SY/MD  
Sample : 04657-02  
Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

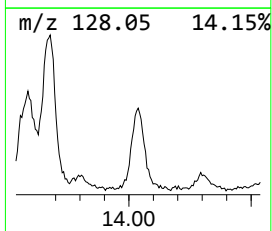
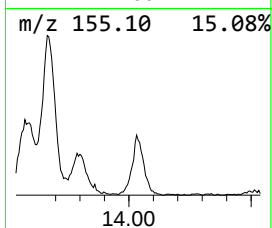
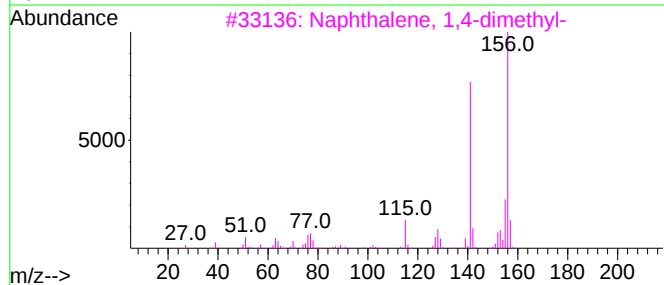
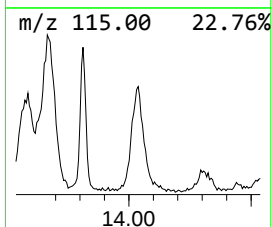
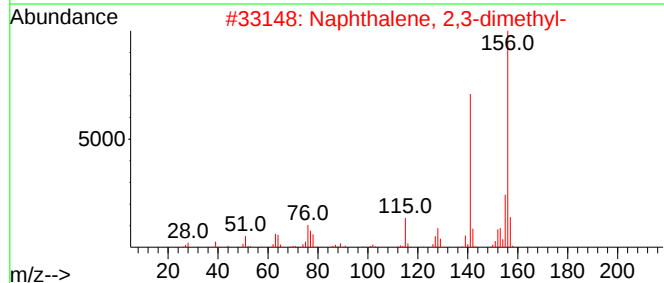
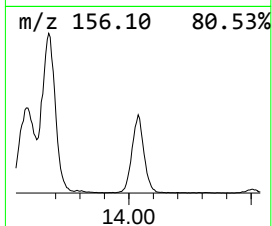
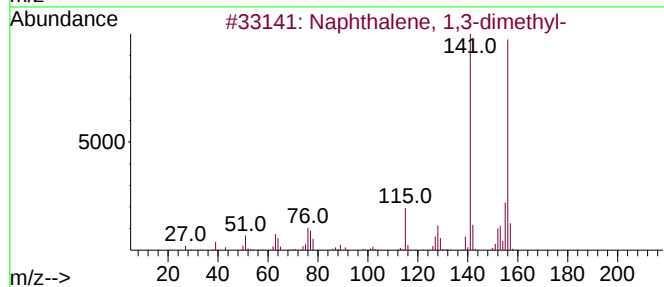
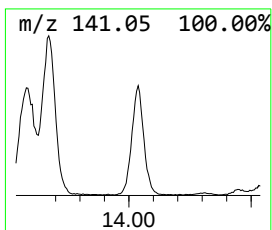
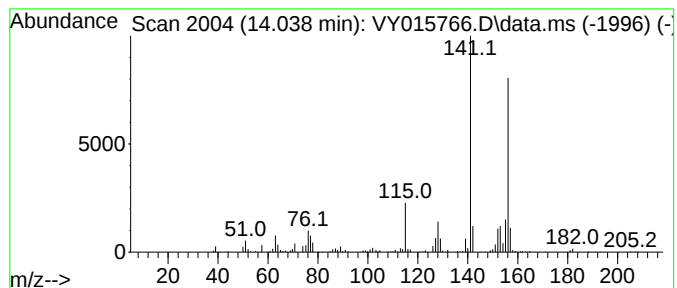
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Naphthalene, 1,2-dimethyl- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.038 | 30.14 ug/l | 401707 | 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 | 96   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 4    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |
| 5    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092923\  
Data File : VY015766.D  
Acq On : 29 Sep 2023 20:13  
Operator : SY/MD  
Sample : 04657-02  
Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

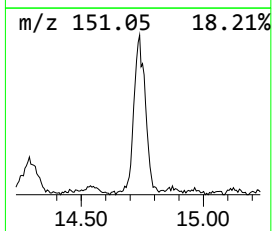
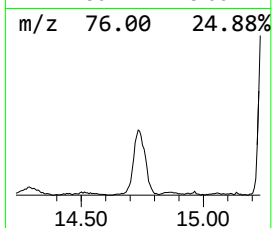
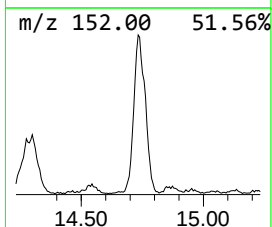
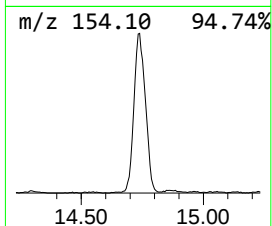
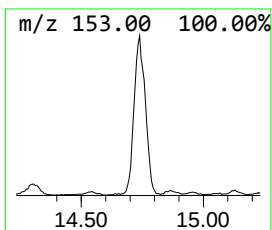
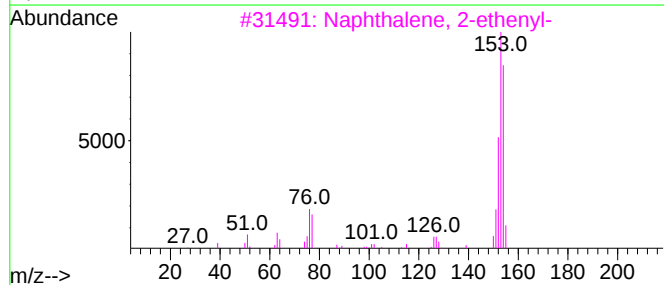
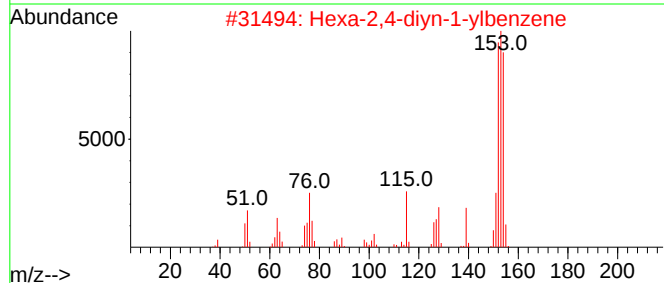
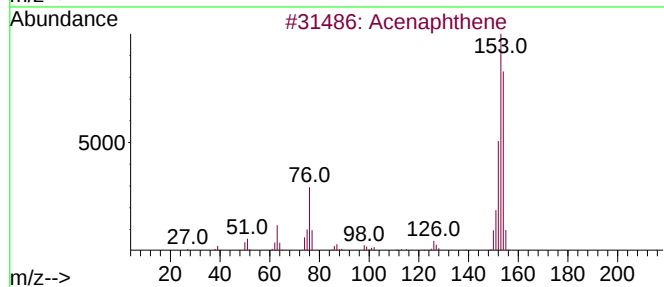
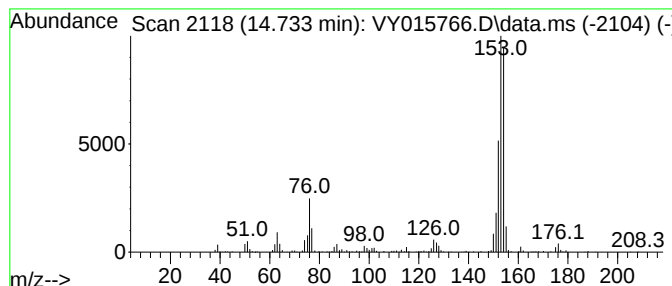
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Quant Title : SW846 8260

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

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Peak Number 7 Acenaphthene Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.733 | 36.86 ug/l | 491197 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 95   |
| 2    |    |   | Hexa-2,4-diyn-1-ylbenzene           | 154 | C12H10  | 000520-74-1 | 64   |
| 3    |    |   | Naphthalene, 2-ethenyl-             | 154 | C12H10  | 000827-54-3 | 64   |
| 4    |    |   | 1,4-Ethenonaphthalene, 1,4-dihydro- | 154 | C12H10  | 007322-47-6 | 59   |
| 5    |    |   | Biphenyl                            | 154 | C12H10  | 000092-52-4 | 52   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092923\  
Data File : VY015766.D  
Acq On : 29 Sep 2023 20:13  
Operator : SY/MD  
Sample : 04657-02  
Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

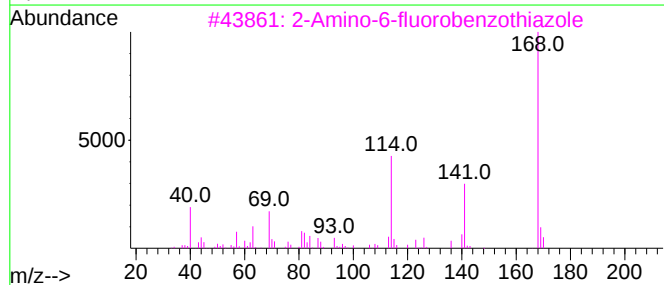
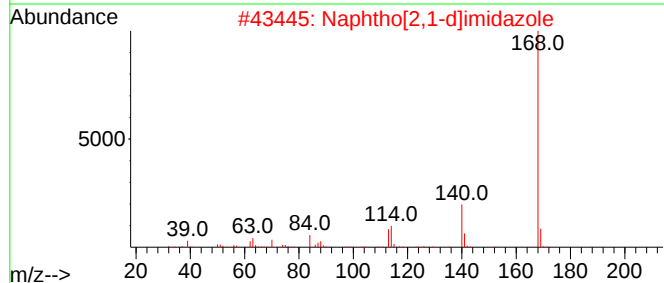
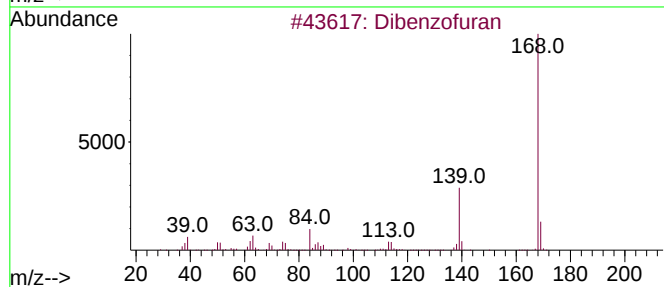
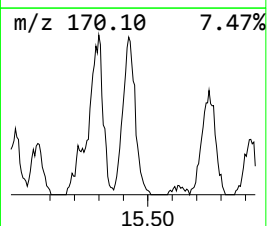
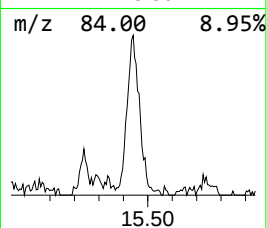
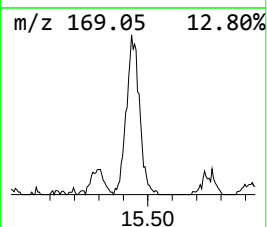
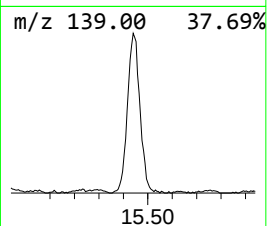
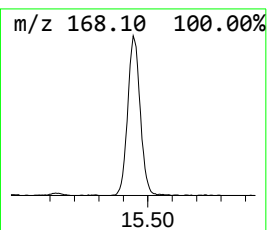
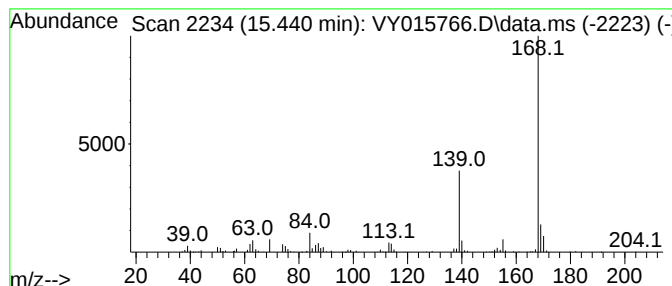
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Quant Title : SW846 8260

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

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Peak Number 8 Dibenzofuran Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.440 | 22.27 ug/l | 296734 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Dibenzofuran                        | 168 | C12H8O   | 000132-64-9 | 95   |
| 2    |    |   | Naphtho[2,1-d]imidazole             | 168 | C11H8N2  | 000233-53-4 | 59   |
| 3    |    |   | 2-Amino-6-fluorobenzothiazole       | 168 | C7H5FN2S | 000348-40-3 | 58   |
| 4    |    |   | 4-Methoxy-2-methyl-1-(methylthio... | 168 | C9H12OS  | 022583-04-6 | 53   |
| 5    |    |   | 3,5-Dimethoxybenzyl alcohol         | 168 | C9H12O3  | 000705-76-0 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092923\  
Data File : VY015766.D  
Acq On : 29 Sep 2023 20:13  
Operator : SY/MD  
Sample : 04657-02  
Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260

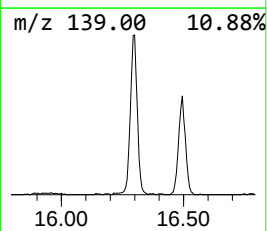
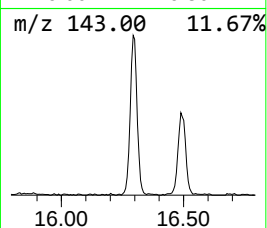
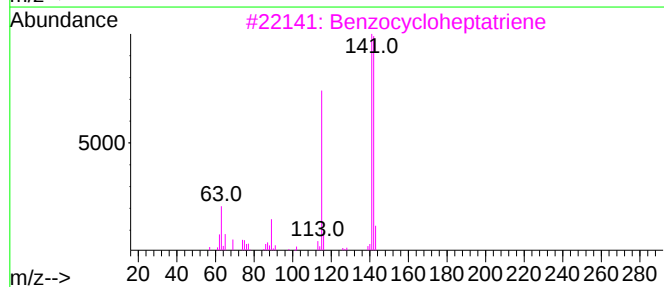
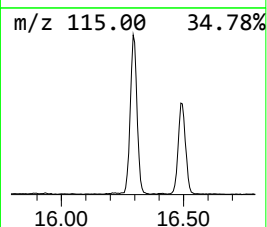
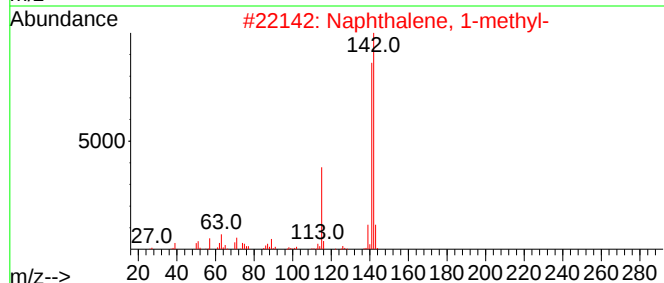
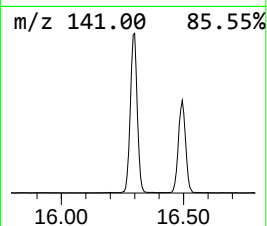
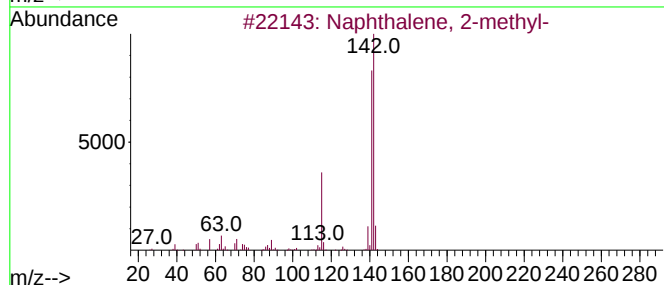
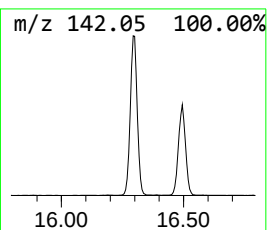
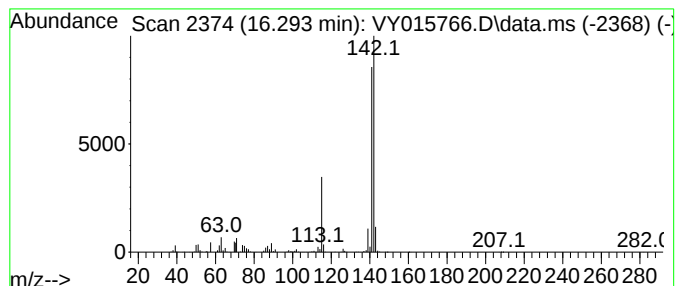
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.293 | 58.93 ug/l | 785345 | 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    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 90   |
| 4    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 90   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092923\  
Data File : VY015766.D  
Acq On : 29 Sep 2023 20:13  
Operator : SY/MD  
Sample : 04657-02  
Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

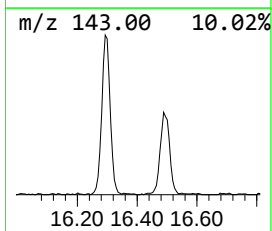
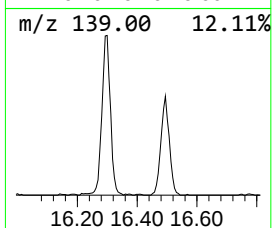
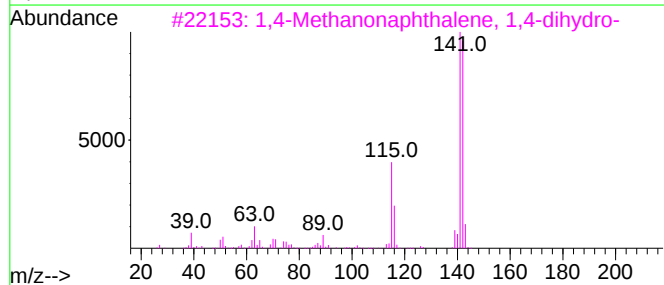
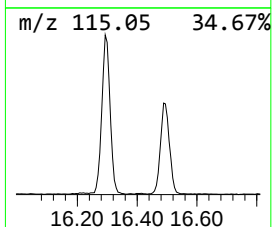
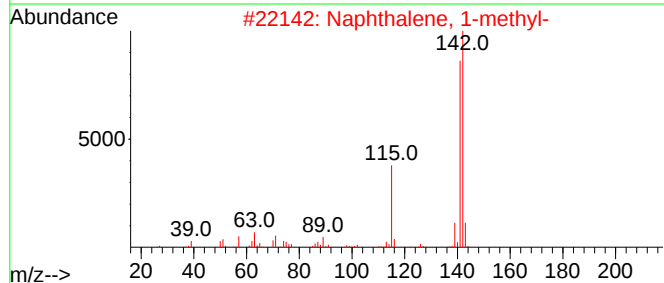
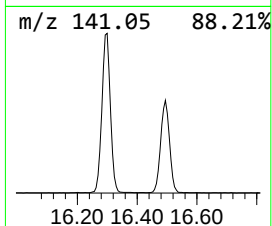
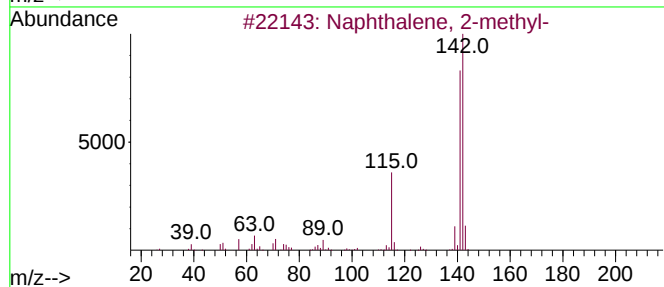
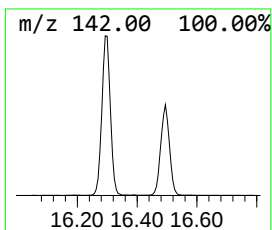
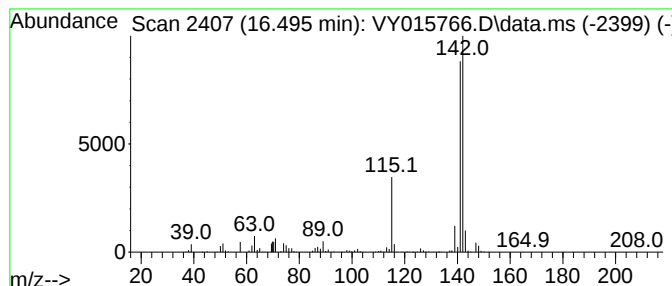
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.495 | 36.54 ug/l | 487017 | 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 | 90   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 90   |
| 5    |    |   | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092923\  
Data File : VY015766.D  
Acq On : 29 Sep 2023 20:13  
Operator : SY/MD  
Sample : 04657-02  
Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
U-2(2-6IN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.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,... | 12.428 | 117.3   | ug/l  | 1637630  | 3                     | 11.496 | 697850 | 50.0 |
| Benzo[b]thiophe... | 12.800 | 23.9    | ug/l  | 317963   | 4                     | 13.428 | 666350 | 50.0 |
| Naphthalene, 2,... | 12.971 | 278.1   | ug/l  | 3706170  | 4                     | 13.428 | 666350 | 50.0 |
| Naphthalene, 1,... | 13.587 | 36.5    | ug/l  | 485819   | 4                     | 13.428 | 666350 | 50.0 |
| Naphthalene, 1,... | 13.672 | 56.0    | ug/l  | 745863   | 4                     | 13.428 | 666350 | 50.0 |
| Naphthalene, 1,... | 14.038 | 30.1    | ug/l  | 401707   | 4                     | 13.428 | 666350 | 50.0 |
| Acenaphthene       | 14.733 | 36.9    | ug/l  | 491197   | 4                     | 13.428 | 666350 | 50.0 |
| Dibenzofuran       | 15.440 | 22.3    | ug/l  | 296734   | 4                     | 13.428 | 666350 | 50.0 |
| Naphthalene, 2-... | 16.293 | 58.9    | ug/l  | 785345   | 4                     | 13.428 | 666350 | 50.0 |
| Naphthalene, 1-... | 16.495 | 36.5    | ug/l  | 487017   | 4                     | 13.428 | 666350 | 50.0 |