

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
 Data File : VW005673.D  
 Acq On : 27 Sep 2018 00:09  
 Operator : VA/AP  
 Sample : J5096-01  
 Misc : 4.84G/5ML/MSVOA W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 MT-T-5-2

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
 Title : SW846 8260

Signal : TIC

| 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         | 3.684       | 286           | 292         | 299          | rVB3     | 5522           | 14637         | 1.11%           | 0.171%        |
| 2         | 4.915       | 480           | 494         | 511          | rBV2     | 14262          | 56921         | 4.31%           | 0.665%        |
| 3         | 7.153       | 851           | 861         | 872          | rBV2     | 8052           | 24698         | 1.87%           | 0.288%        |
| 4         | 7.884       | 971           | 981         | 987          | rBV      | 197287         | 483299        | 36.62%          | 5.645%        |
| 5         | 7.951       | 987           | 992         | 1003         | rVB      | 312944         | 663222        | 50.25%          | 7.746%        |
| 6         | 8.311       | 1041          | 1051        | 1064         | rBV2     | 210572         | 465521        | 35.27%          | 5.437%        |
| 7         | 8.848       | 1128          | 1139        | 1151         | rBV      | 480812         | 957013        | 72.51%          | 11.178%       |
| 8         | 10.329      | 1374          | 1382        | 1396         | rBV      | 735662         | 1319860       | 100.00%         | 15.415%       |
| 9         | 10.506      | 1405          | 1411        | 1416         | rVB8     | 5670           | 14051         | 1.06%           | 0.164%        |
| 10        | 10.670      | 1432          | 1438        | 1443         | rBV2     | 14728          | 27125         | 2.06%           | 0.317%        |
| 11        | 11.042      | 1491          | 1499        | 1507         | rBV5     | 6285           | 19227         | 1.46%           | 0.225%        |
| 12        | 11.183      | 1517          | 1522        | 1526         | rBV      | 10857          | 18025         | 1.37%           | 0.211%        |
| 13        | 11.231      | 1526          | 1530        | 1537         | rVB2     | 13160          | 21864         | 1.66%           | 0.255%        |
| 14        | 11.445      | 1559          | 1565        | 1569         | rBV6     | 6879           | 13523         | 1.02%           | 0.158%        |
| 15        | 11.634      | 1589          | 1596        | 1608         | rVB      | 577954         | 993875        | 75.30%          | 11.608%       |
| 16        | 12.140      | 1675          | 1679        | 1692         | rVV6     | 8824           | 23372         | 1.77%           | 0.273%        |
| 17        | 12.621      | 1752          | 1758        | 1766         | rVB      | 461401         | 756898        | 57.35%          | 8.840%        |
| 18        | 12.938      | 1791          | 1810        | 1829         | rBV6     | 53774          | 365160        | 27.67%          | 4.265%        |
| 19        | 13.353      | 1864          | 1878        | 1890         | rBV6     | 40094          | 202602        | 15.35%          | 2.366%        |
| 20        | 13.493      | 1892          | 1901        | 1907         | rVV7     | 42140          | 178641        | 13.53%          | 2.086%        |
| 21        | 13.566      | 1907          | 1913        | 1921         | rVB      | 415135         | 692365        | 52.46%          | 8.087%        |
| 22        | 13.889      | 1961          | 1966        | 1970         | rBV4     | 22372          | 40234         | 3.05%           | 0.470%        |
| 23        | 13.932      | 1970          | 1973        | 1976         | rVV4     | 10076          | 13437         | 1.02%           | 0.157%        |
| 24        | 13.987      | 1977          | 1982        | 1992         | rVV6     | 26302          | 68335         | 5.18%           | 0.798%        |
| 25        | 14.097      | 1994          | 2000        | 2004         | rVV7     | 12964          | 33254         | 2.52%           | 0.388%        |
| 26        | 14.200      | 2014          | 2017        | 2021         | rBV5     | 14623          | 22558         | 1.71%           | 0.263%        |
| 27        | 14.273      | 2025          | 2029        | 2035         | rVV5     | 19836          | 34028         | 2.58%           | 0.397%        |
| 28        | 14.328      | 2035          | 2038        | 2042         | rBV6     | 10531          | 16818         | 1.27%           | 0.196%        |
| 29        | 14.395      | 2043          | 2049        | 2055         | rBV3     | 59294          | 110446        | 8.37%           | 1.290%        |
| 30        | 14.560      | 2069          | 2076        | 2082         | rBV6     | 34089          | 83723         | 6.34%           | 0.978%        |
| 31        | 14.670      | 2092          | 2094        | 2097         | rBV4     | 13067          | 15771         | 1.19%           | 0.184%        |
| 32        | 14.737      | 2103          | 2105        | 2109         | rBV4     | 14595          | 20582         | 1.56%           | 0.240%        |
| 33        | 14.810      | 2113          | 2117        | 2122         | rVV5     | 69325          | 122141        | 9.25%           | 1.427%        |
| 34        | 14.865      | 2122          | 2126        | 2131         | rVB3     | 45194          | 71530         | 5.42%           | 0.835%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

## 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\_W\METHOD\82W092118S.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 15.188 | 2175 | 2179 | 2185 | rBV9 | 25732  | 68807  | 5.21%  | 0.804% |
| 36 | 15.340 | 2199 | 2204 | 2210 | rVB  | 214378 | 330163 | 25.02% | 3.856% |
| 37 | 15.413 | 2212 | 2216 | 2220 | rBV5 | 20550  | 43526  | 3.30%  | 0.508% |
| 38 | 15.645 | 2250 | 2254 | 2257 | rBV5 | 26148  | 50625  | 3.84%  | 0.591% |
| 39 | 15.755 | 2267 | 2272 | 2278 | rVB4 | 41535  | 90135  | 6.83%  | 1.053% |
| 40 | 16.639 | 2415 | 2417 | 2423 | rVB6 | 9995   | 13941  | 1.06%  | 0.163% |

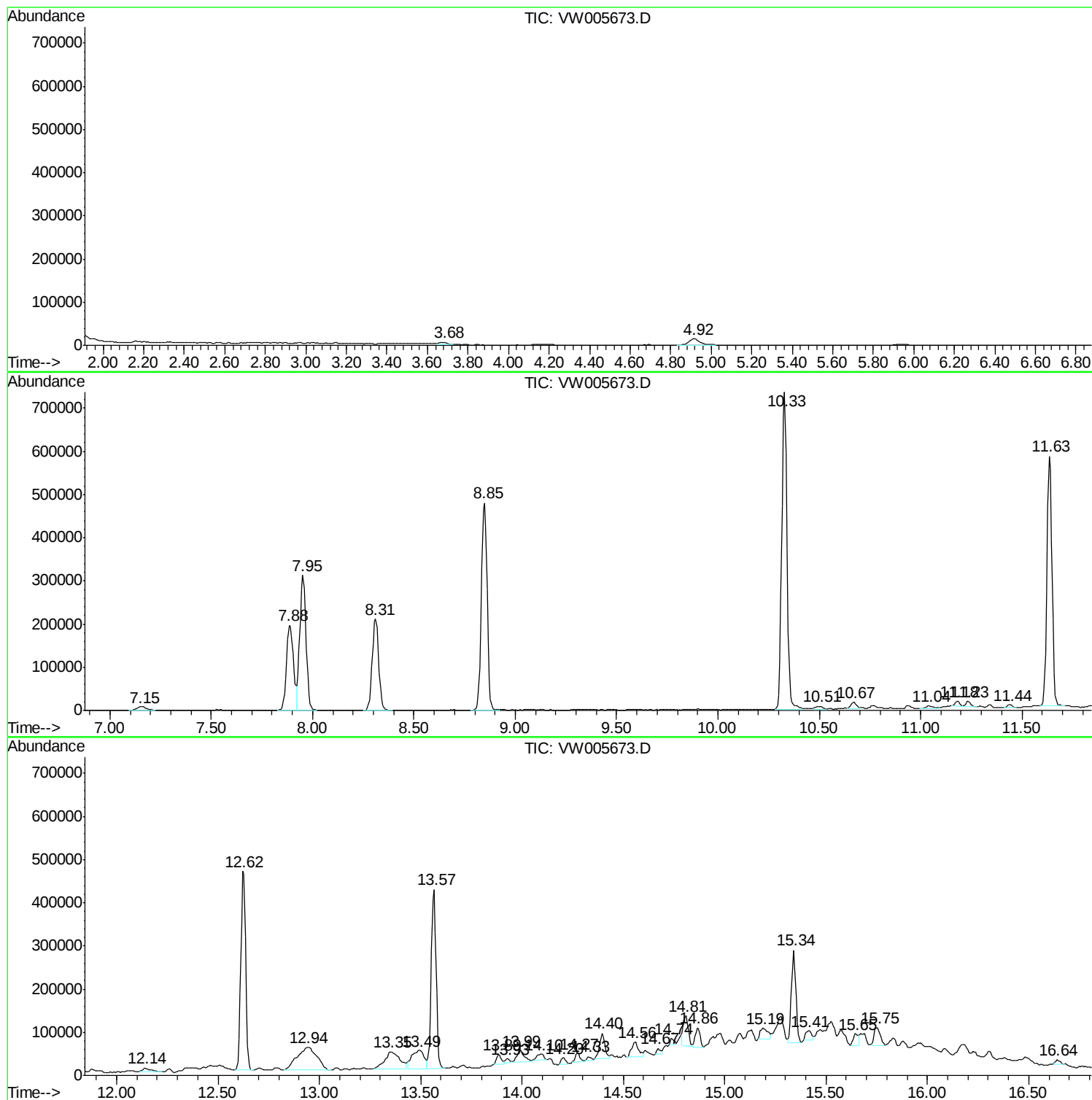
Sum of corrected areas: 8561953

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

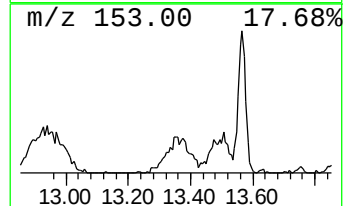
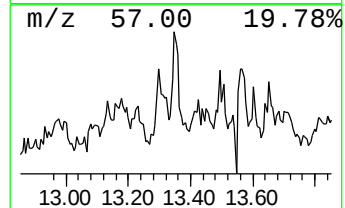
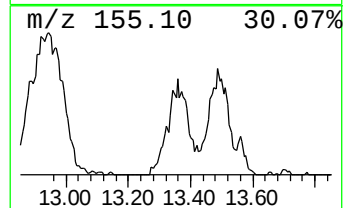
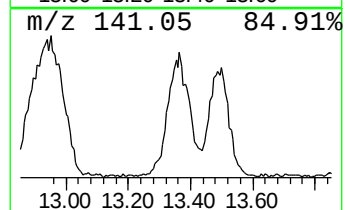
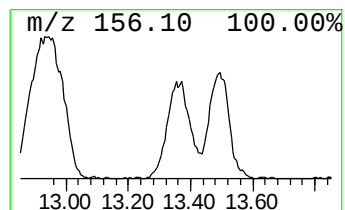
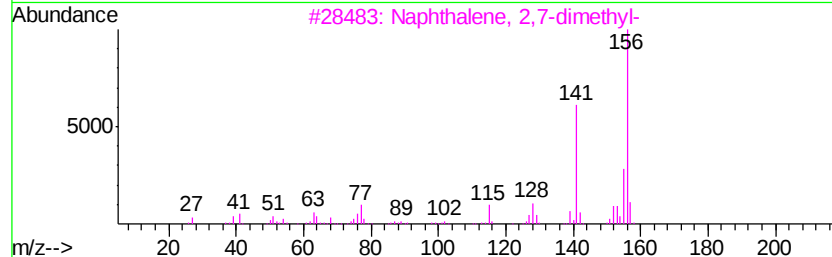
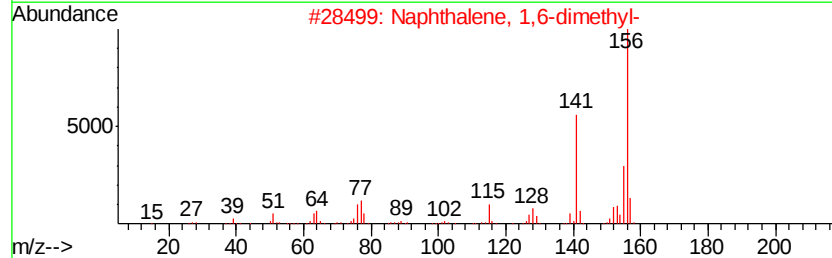
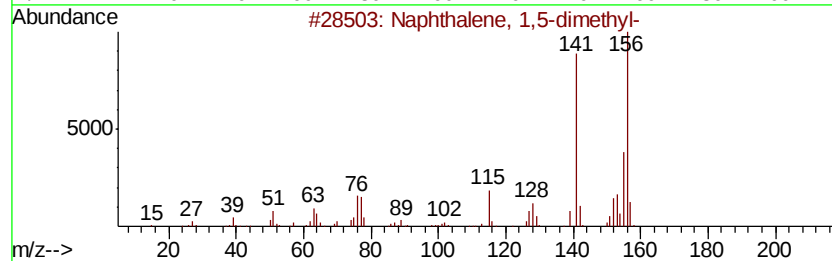
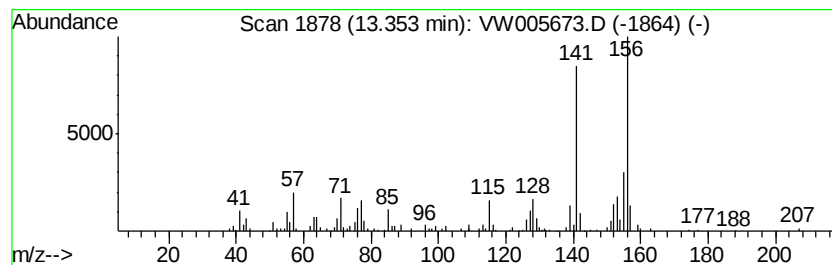
Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 3

| R.T.    | EstConc    | Area                       | Relative to ISTD       | R.T.           |
|---------|------------|----------------------------|------------------------|----------------|
| 13.35   | 14.63 ug/l | 202602                     | 1,4-Dichlorobenzene-d4 | 13.57          |
| Hit# of | 5          | Tentative ID               | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 1,5-dimethyl- | 156 C12H12             | 000571-61-9 98 |
| 2       |            | Naphthalene, 1,6-dimethyl- | 156 C12H12             | 000575-43-9 97 |
| 3       |            | Naphthalene, 2,7-dimethyl- | 156 C12H12             | 000582-16-1 97 |
| 4       |            | Naphthalene, 2,6-dimethyl- | 156 C12H12             | 000581-42-0 97 |
| 5       |            | Naphthalene, 1,7-dimethyl- | 156 C12H12             | 000575-37-1 97 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

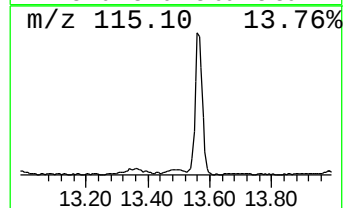
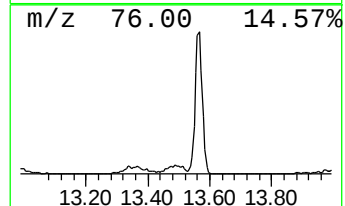
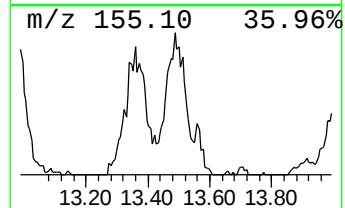
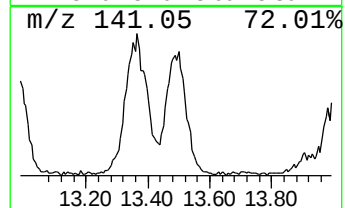
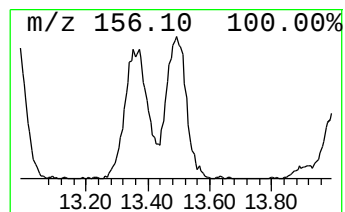
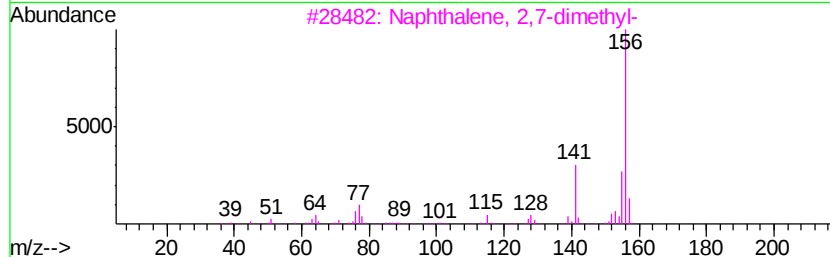
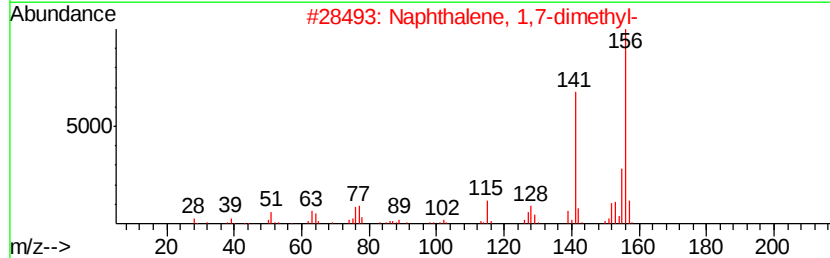
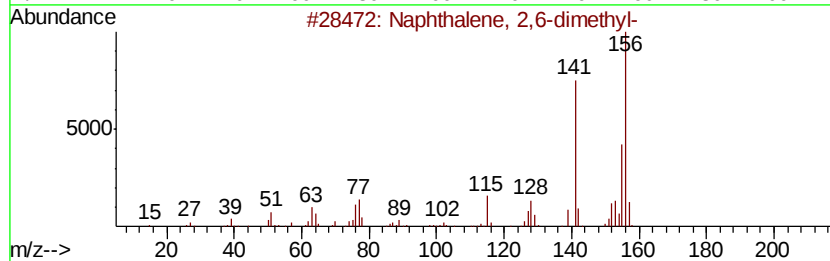
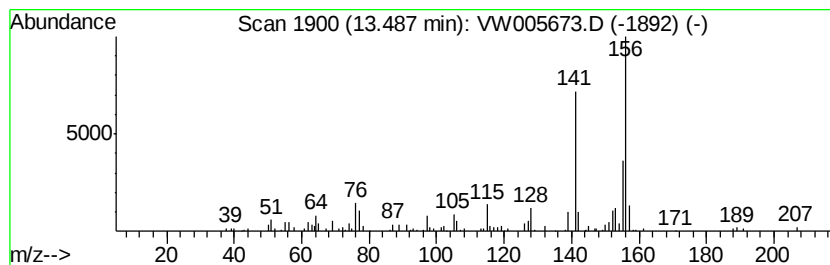
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.49 | 12.90 ug/l | 178641 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 93   |
| 2    |    | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 93   |
| 3    |    | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 93   |
| 4    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 93   |
| 5    |    | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

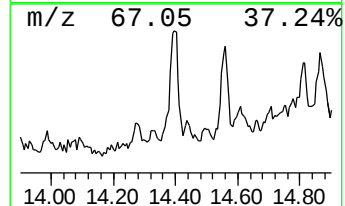
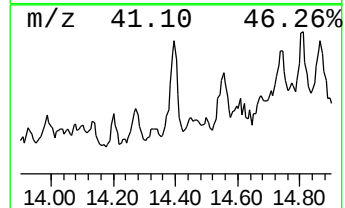
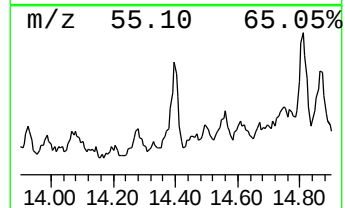
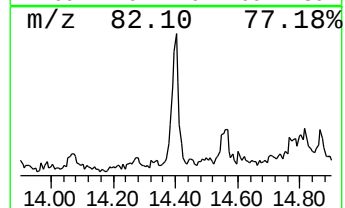
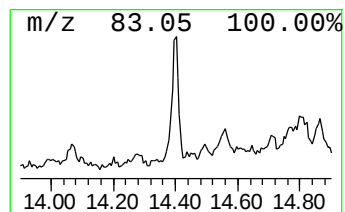
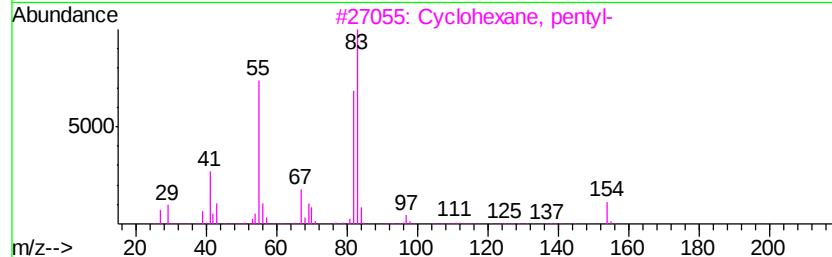
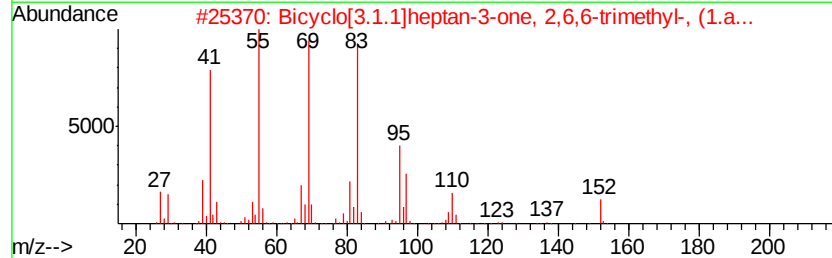
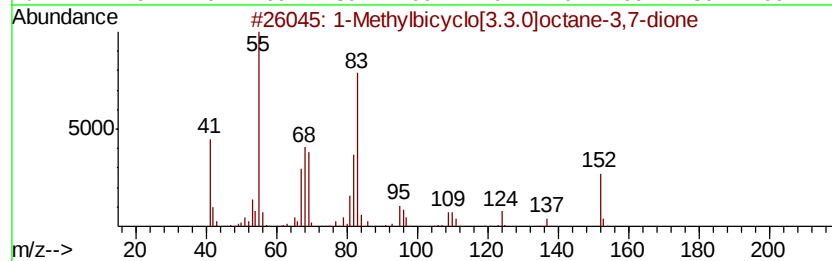
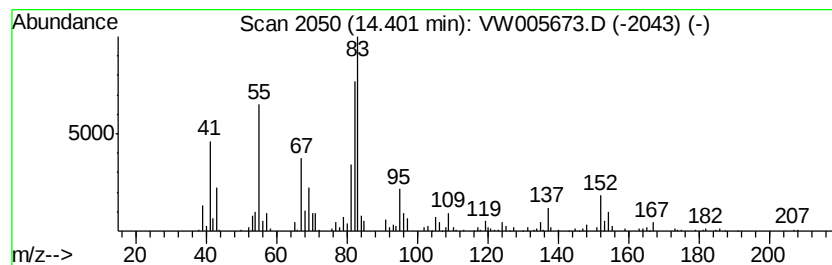
Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 1-Methylbicyclo[3.3.0]octan... Concentration Rank 6

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.           |
|---------|-----------|-------------------------------------|------------------------|----------------|
| 14.40   | 7.98 ug/l | 110446                              | 1,4-Dichlorobenzene-d4 | 13.57          |
| Hit# of | 5         | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |           | 1-Methylbicyclo[3.3.0]octane-3,7... | 152 C9H12O2            | 021170-08-1 72 |
| 2       |           | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 C10H16O            | 000547-60-4 58 |
| 3       |           | Cyclohexane, pentyl-                | 154 C11H22             | 004292-92-6 53 |
| 4       |           | Cyclohexane, 1,1'-(1,3-propanedi... | 208 C15H28             | 003178-24-3 52 |
| 5       |           | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 C10H16O            | 015358-88-0 52 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

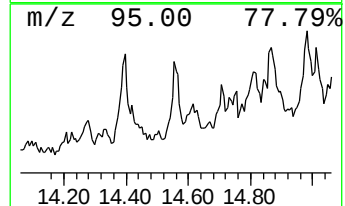
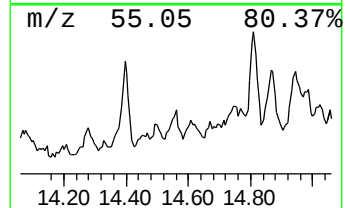
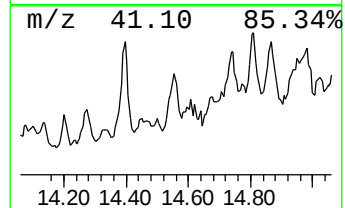
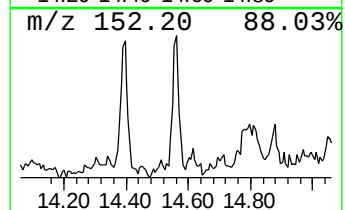
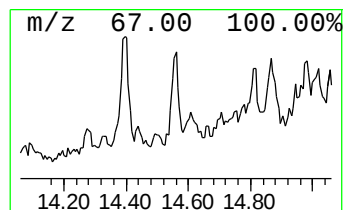
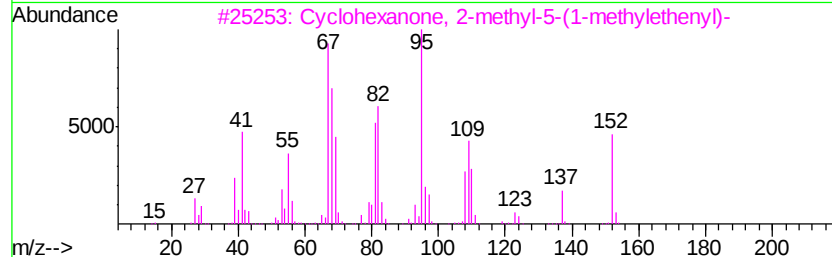
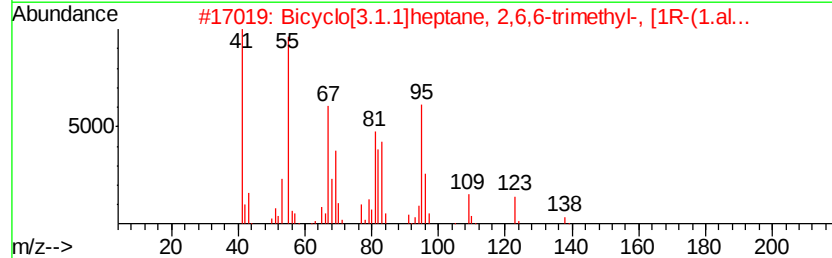
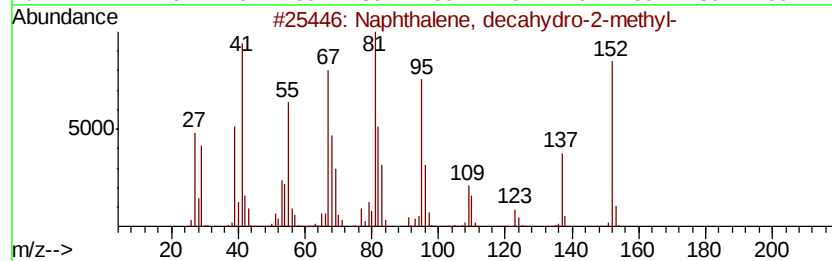
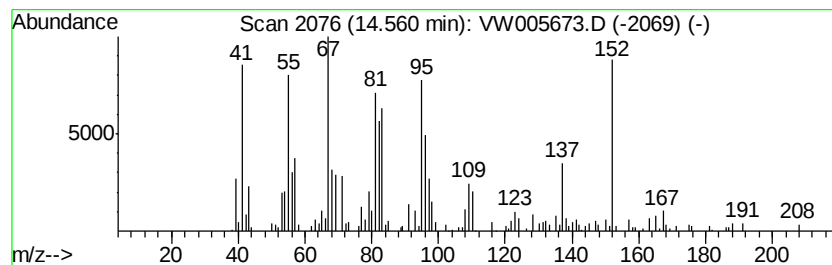
Instrument :  
MSVOA\_W  
ClientSampled :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 8

| R.T.      | EstConc                             | Area  | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|-------|------------------------|-------------|------|
| 14.56     | 6.05 ug/l                           | 83723 | 1,4-Dichlorobenzene-d4 | 13.57       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm                | CAS#        | Qual |
| 1         | Naphthalene, decahydro-2-methyl-    | 152   | C11H20                 | 002958-76-1 | 83   |
| 2         | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138   | C10H18                 | 004863-59-6 | 70   |
| 3         | Cyclohexanone, 2-methyl-5-(1-met... | 152   | C10H16O                | 007764-50-3 | 62   |
| 4         | Bicyclo[4.3.1]decan-10-one          | 152   | C10H16O                | 020440-21-5 | 58   |
| 5         | 2-Decalone, c&t                     | 152   | C10H16O                | 004832-17-1 | 55   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

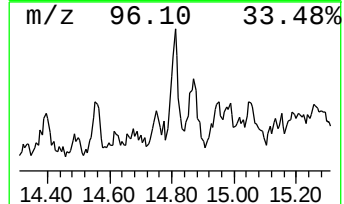
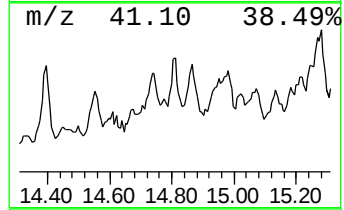
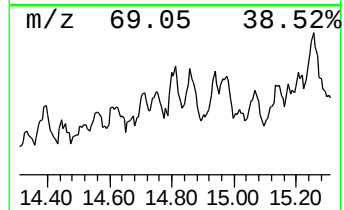
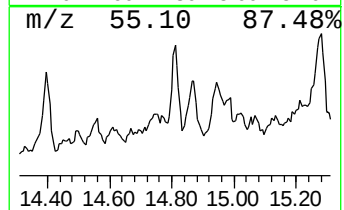
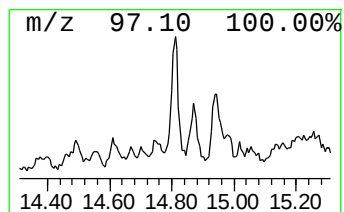
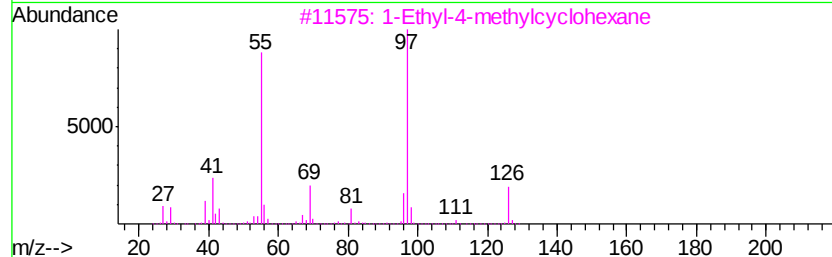
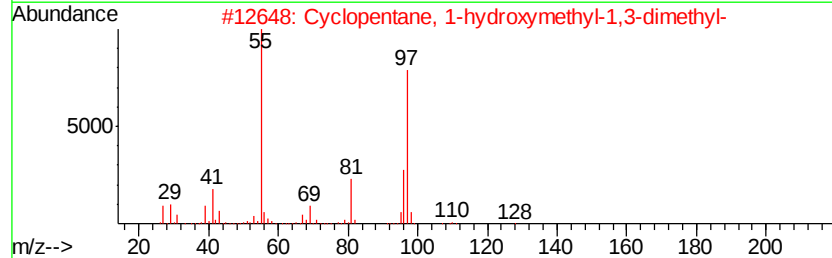
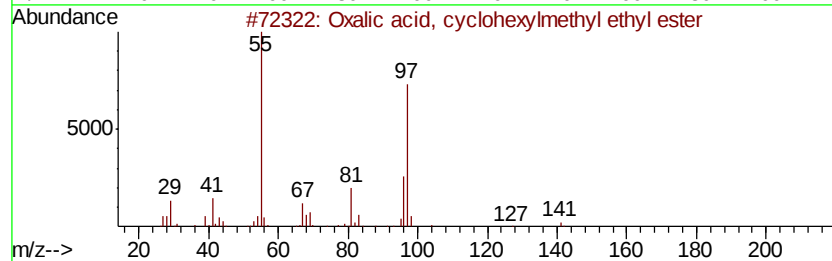
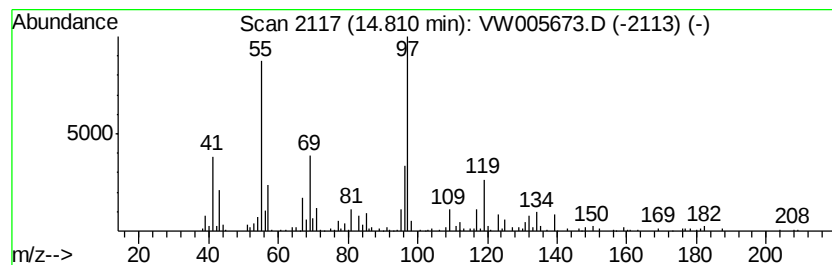
Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Oxalic acid, cyclohexylmeth... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 14.81     | 8.82 ug/l                           | 122141 | 1,4-Dichlorobenzene-d4 | 13.57        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | Oxalic acid, cyclohexylmethvl et... | 214    | C11H18O4               | 1000309-68-0 | 50   |
| 2         | Cyclopentane, 1-hydroxymethyl-1,... | 128    | C8H16O                 | 1000156-73-8 | 50   |
| 3         | 1-Ethvl-4-methylcyclohexane         | 126    | C9H18                  | 003728-56-1  | 43   |
| 4         | Cyclopentane, 1,1'-ethylidenebis-   | 166    | C12H22                 | 004413-21-2  | 42   |
| 5         | Trichloroacetic acid, 1-cyclopen... | 258    | C9H13Cl3O2             | 1000282-57-1 | 38   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

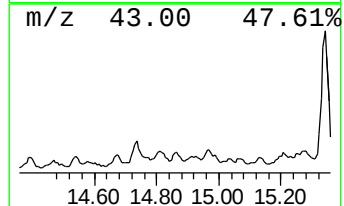
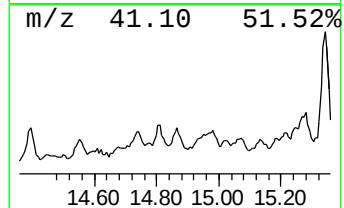
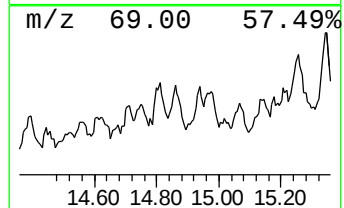
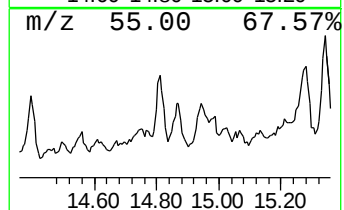
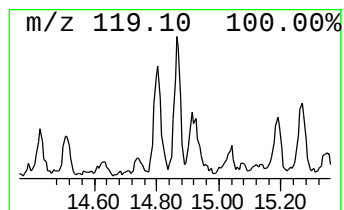
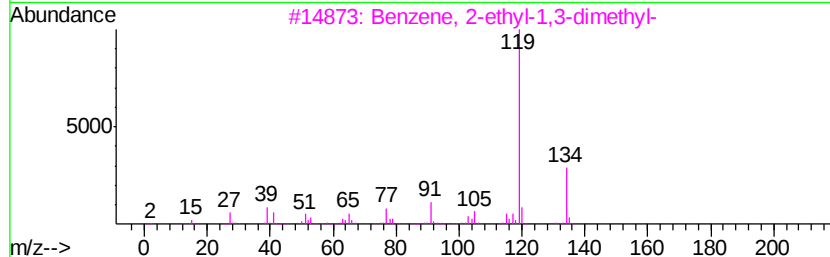
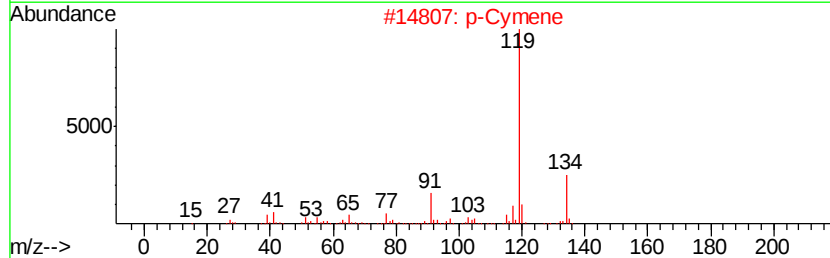
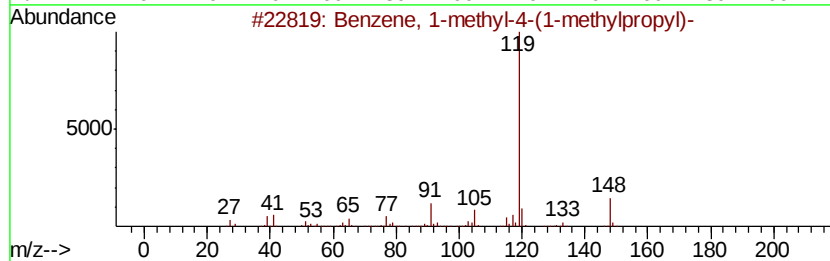
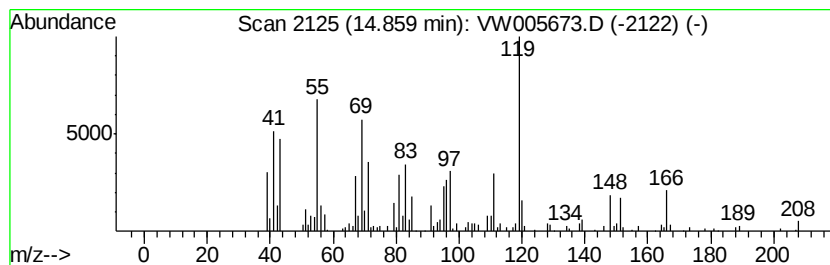
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 unknown14.86 Concentration Rank 9

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.86 | 5.17 ug/l | 71530 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID                          | MW  | MolForm    | CAS#         | Qual |
|------|----|---------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Benzene, 1-methyl-4-(1-methylpropyl)- | 148 | C11H16     | 001595-16-0  | 38   |
| 2    |    | p-Cymene                              | 134 | C10H14     | 000099-87-6  | 27   |
| 3    |    | Benzene, 2-ethyl-1,3-dimethyl-        | 134 | C10H14     | 002870-04-4  | 25   |
| 4    |    | Benzene, 1-ethyl-3,5-dimethyl-        | 134 | C10H14     | 000934-74-7  | 25   |
| 5    |    | Succinic acid, monochloride, 4-h...   | 234 | C11H19ClO3 | 1000349-28-4 | 22   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

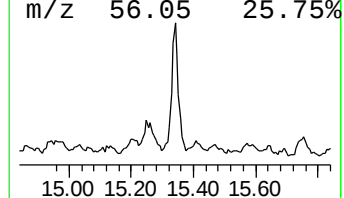
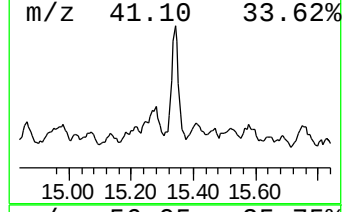
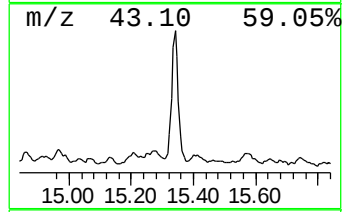
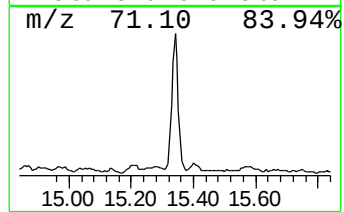
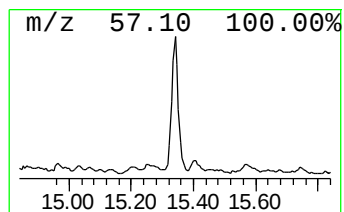
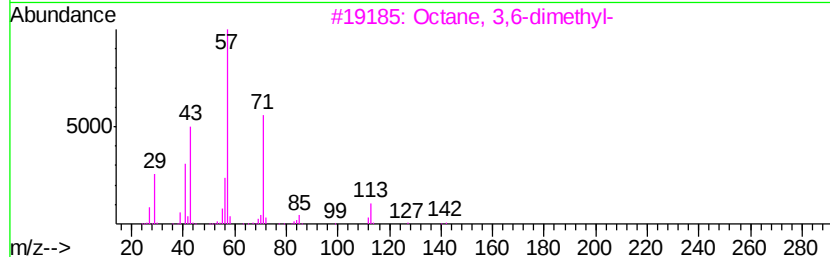
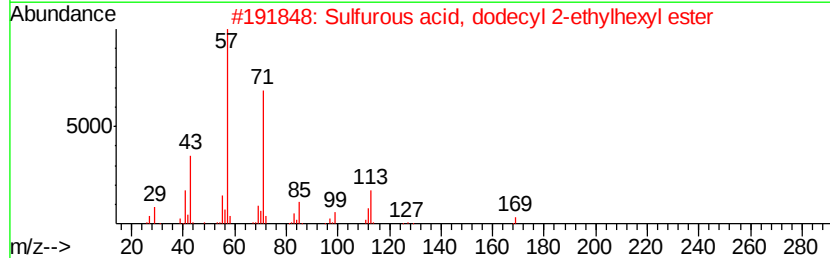
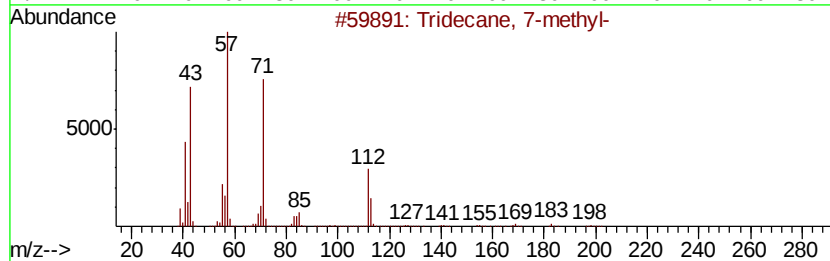
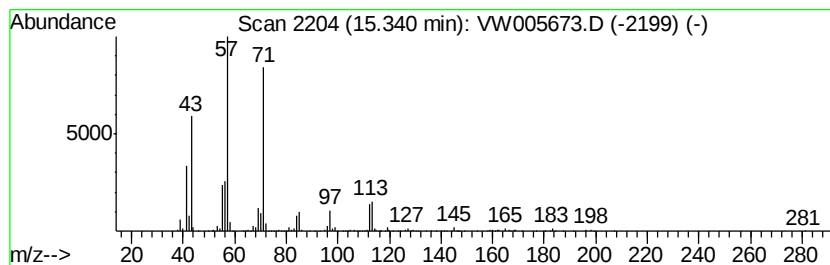
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 Tridecane, 7-methyl- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 15.34 | 23.84 ug/l | 330163 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Tridecane, 7-methyl-                | 198 | C14H30    | 026730-14-3  | 81   |
| 2    |    | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 72   |
| 3    |    | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 72   |
| 4    |    | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 64   |
| 5    |    | Hexadecane, 7-methyl-               | 240 | C17H36    | 026730-20-1  | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

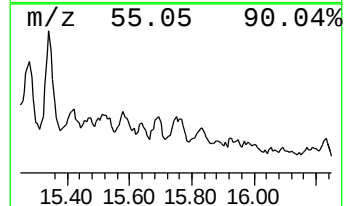
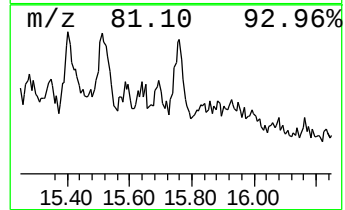
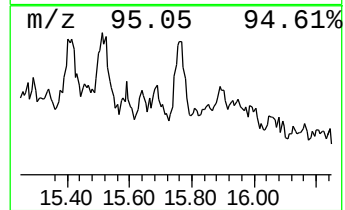
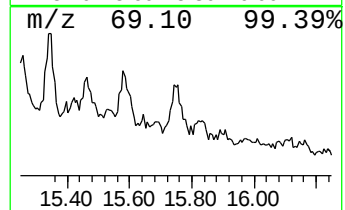
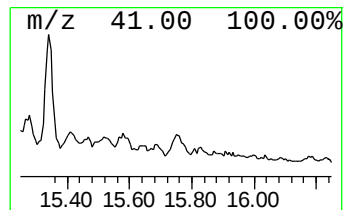
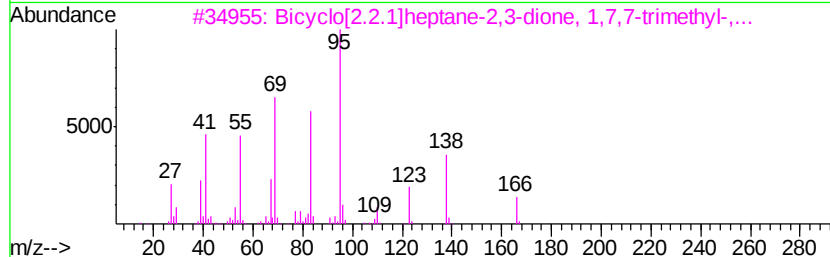
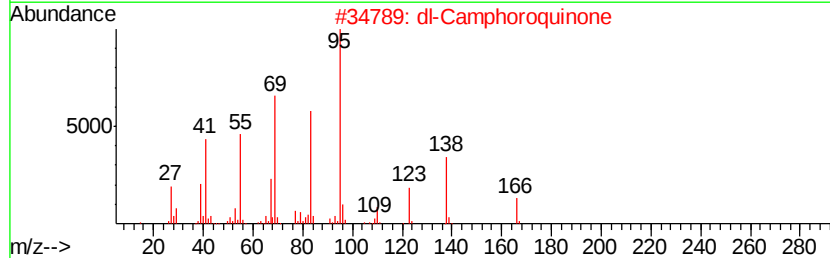
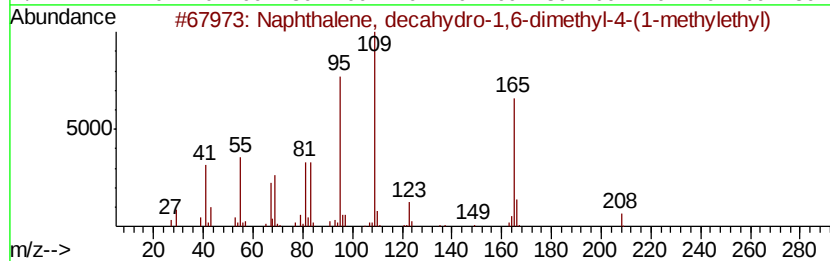
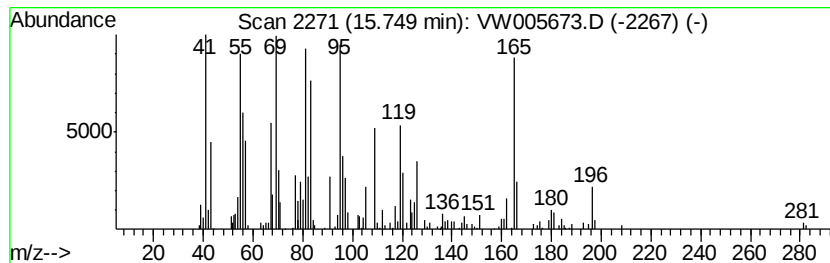
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 unknown15.75 Concentration Rank 7

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 15.75 | 6.51 ug/l | 90135 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Naphthalene, decahydro-1,6-dimet... | 208 | C15H28     | 029788-41-8  | 38   |
| 2    |    | dl-Camphoroquinone                  | 166 | C10H14O2   | 010373-78-1  | 38   |
| 3    |    | Bicyclo[2.2.1]heptane-2,3-dione,... | 166 | C10H14O2   | 010334-26-6  | 38   |
| 4    |    | trans,trans-1,8-Dimethylspiro[4.... | 166 | C12H22     | 1000111-72-8 | 38   |
| 5    |    | L-Menthyl chloroformate             | 218 | C11H19ClO2 | 014602-86-9  | 35   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW092618\  
Data File : VW005673.D  
Acq On : 27 Sep 2018 00:09  
Operator : VA/AP  
Sample : J5096-01  
Misc : 4.84G/5ML/MSVOA\_W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
MT-T-5-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Naphthalene, 1,5-... | 13.35 | 14.6    | ug/l  | 202602   | 4                     | 13.57 | 692365 | 50.0 |
| Naphthalene, 2,6-... | 13.49 | 12.9    | ug/l  | 178641   | 4                     | 13.57 | 692365 | 50.0 |
| 1-Methylbicyclo[3... | 14.40 | 8.0     | ug/l  | 110446   | 4                     | 13.57 | 692365 | 50.0 |
| Naphthalene, deca... | 14.56 | 6.0     | ug/l  | 83723    | 4                     | 13.57 | 692365 | 50.0 |
| Oxalic acid, cycl... | 14.81 | 8.8     | ug/l  | 122141   | 4                     | 13.57 | 692365 | 50.0 |
| unknown14.86         | 14.86 | 5.2     | ug/l  | 71530    | 4                     | 13.57 | 692365 | 50.0 |
| Tridecane, 7-methyl- | 15.34 | 23.8    | ug/l  | 330163   | 4                     | 13.57 | 692365 | 50.0 |
| unknown15.75         | 15.75 | 6.5     | ug/l  | 90135    | 4                     | 13.57 | 692365 | 50.0 |