

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
 Data File : VW004791.D  
 Acq On : 20 Aug 2018 15:19  
 Operator : SY/AP  
 Sample : J4537-01  
 Misc : 6.61G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 G.L.-WC-UST-01

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\82W081918S.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         | 1.813       | 28            | 37          | 79           | rVB      | 14680188       | 39677979      | 100.00%         | 22.696%       |
| 2         | 7.891       | 1022          | 1034        | 1038         | rBV      | 460211         | 1079572       | 2.72%           | 0.618%        |
| 3         | 7.952       | 1038          | 1044        | 1053         | rVB      | 872002         | 1921235       | 4.84%           | 1.099%        |
| 4         | 8.311       | 1094          | 1103        | 1113         | rBV      | 430213         | 929042        | 2.34%           | 0.531%        |
| 5         | 8.848       | 1177          | 1191        | 1205         | rBV      | 1282687        | 2533864       | 6.39%           | 1.449%        |
| 6         | 10.329      | 1426          | 1434        | 1447         | rBV      | 1743012        | 3186533       | 8.03%           | 1.823%        |
| 7         | 10.512      | 1456          | 1464        | 1471         | rVB2     | 188188         | 397324        | 1.00%           | 0.227%        |
| 8         | 11.238      | 1577          | 1583        | 1588         | rBV      | 674393         | 1158664       | 2.92%           | 0.663%        |
| 9         | 11.341      | 1595          | 1600        | 1605         | rVB2     | 263293         | 445809        | 1.12%           | 0.255%        |
| 10        | 11.439      | 1605          | 1616        | 1624         | rVB6     | 227882         | 655222        | 1.65%           | 0.375%        |
| 11        | 11.634      | 1642          | 1648        | 1661         | rVB      | 1520706        | 2663698       | 6.71%           | 1.524%        |
| 12        | 11.847      | 1674          | 1683        | 1686         | rBV3     | 222784         | 545471        | 1.37%           | 0.312%        |
| 13        | 12.146      | 1724          | 1732        | 1738         | rBV3     | 396412         | 960059        | 2.42%           | 0.549%        |
| 14        | 12.256      | 1743          | 1750        | 1755         | rVB2     | 404942         | 737905        | 1.86%           | 0.422%        |
| 15        | 12.347      | 1759          | 1765        | 1775         | rVV5     | 495298         | 1567495       | 3.95%           | 0.897%        |
| 16        | 12.622      | 1805          | 1810        | 1819         | rBV2     | 1110937        | 2023968       | 5.10%           | 1.158%        |
| 17        | 12.786      | 1832          | 1837        | 1843         | rVB      | 1044211        | 1802112       | 4.54%           | 1.031%        |
| 18        | 12.872      | 1843          | 1851        | 1856         | rBV4     | 435083         | 1195197       | 3.01%           | 0.684%        |
| 19        | 12.939      | 1856          | 1862        | 1869         | rBV4     | 1348044        | 2793144       | 7.04%           | 1.598%        |
| 20        | 13.085      | 1882          | 1886        | 1890         | rVB2     | 304688         | 466233        | 1.18%           | 0.267%        |
| 21        | 13.170      | 1896          | 1900        | 1912         | rVB3     | 955062         | 1741294       | 4.39%           | 0.996%        |
| 22        | 13.274      | 1912          | 1917        | 1919         | rBV2     | 370240         | 607294        | 1.53%           | 0.347%        |
| 23        | 13.451      | 1939          | 1946        | 1950         | rVV6     | 711357         | 1695730       | 4.27%           | 0.970%        |
| 24        | 13.493      | 1950          | 1953        | 1956         | rVV2     | 483197         | 658449        | 1.66%           | 0.377%        |
| 25        | 13.567      | 1960          | 1965        | 1972         | rVB      | 1403840        | 2385529       | 6.01%           | 1.365%        |
| 26        | 13.634      | 1972          | 1976        | 1981         | rBV3     | 417738         | 565526        | 1.43%           | 0.323%        |
| 27        | 13.707      | 1981          | 1988        | 1992         | rBV3     | 796235         | 1491940       | 3.76%           | 0.853%        |
| 28        | 13.884      | 2003          | 2017        | 2022         | rBV2     | 3596613        | 7097734       | 17.89%          | 4.060%        |
| 29        | 13.932      | 2022          | 2025        | 2029         | rVB2     | 413943         | 593240        | 1.50%           | 0.339%        |
| 30        | 13.987      | 2029          | 2034        | 2037         | rBV4     | 554683         | 1077556       | 2.72%           | 0.616%        |
| 31        | 14.146      | 2056          | 2060        | 2064         | rVB2     | 764697         | 1206417       | 3.04%           | 0.690%        |
| 32        | 14.274      | 2077          | 2081        | 2087         | rVB4     | 617386         | 1060140       | 2.67%           | 0.606%        |
| 33        | 14.335      | 2087          | 2091        | 2092         | rBV2     | 405702         | 555426        | 1.40%           | 0.318%        |
| 34        | 14.396      | 2092          | 2101        | 2105         | rVV4     | 2537028        | 5706736       | 14.38%          | 3.264%        |

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

## 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\82W081918S.M  
Title : SW846 8260

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 35 | 14.445 | 2105 | 2109 | 2114 | rVB4 | 980581  | 1422571  | 3.59%  | 0.814% |
| 36 | 14.505 | 2115 | 2119 | 2123 | rBV3 | 705241  | 1038242  | 2.62%  | 0.594% |
| 37 | 14.560 | 2123 | 2128 | 2132 | rBV3 | 1779334 | 2705878  | 6.82%  | 1.548% |
| 38 | 14.615 | 2133 | 2137 | 2142 | rVB6 | 522666  | 879525   | 2.22%  | 0.503% |
| 39 | 14.670 | 2143 | 2146 | 2149 | rBV3 | 396106  | 627098   | 1.58%  | 0.359% |
| 40 | 14.737 | 2152 | 2157 | 2165 | rVV  | 3168951 | 5525049  | 13.92% | 3.160% |
| 41 | 14.810 | 2166 | 2169 | 2172 | rVV  | 985680  | 1705433  | 4.30%  | 0.976% |
| 42 | 14.853 | 2172 | 2176 | 2185 | rVB  | 4801396 | 8289284  | 20.89% | 4.741% |
| 43 | 14.981 | 2194 | 2197 | 2201 | rBV3 | 752465  | 1125476  | 2.84%  | 0.644% |
| 44 | 15.140 | 2219 | 2223 | 2224 | rBV2 | 520548  | 738309   | 1.86%  | 0.422% |
| 45 | 15.225 | 2234 | 2237 | 2238 | rBV2 | 680929  | 808121   | 2.04%  | 0.462% |
| 46 | 15.261 | 2240 | 2243 | 2251 | rVB4 | 1981307 | 3911623  | 9.86%  | 2.237% |
| 47 | 15.341 | 2251 | 2256 | 2263 | rVB  | 6876483 | 11175660 | 28.17% | 6.392% |
| 48 | 15.408 | 2263 | 2267 | 2272 | rBV4 | 737636  | 1663223  | 4.19%  | 0.951% |
| 49 | 15.517 | 2281 | 2285 | 2289 | rBV4 | 1119247 | 2147320  | 5.41%  | 1.228% |
| 50 | 15.572 | 2289 | 2294 | 2302 | rVB3 | 4802326 | 9043711  | 22.79% | 5.173% |
| 51 | 15.646 | 2303 | 2306 | 2308 | rBV3 | 733698  | 1060002  | 2.67%  | 0.606% |
| 52 | 15.749 | 2318 | 2323 | 2332 | rVB4 | 3339192 | 7392415  | 18.63% | 4.228% |
| 53 | 15.835 | 2333 | 2337 | 2342 | rVV3 | 948023  | 1625399  | 4.10%  | 0.930% |
| 54 | 16.237 | 2399 | 2403 | 2408 | rVV2 | 1309389 | 2375925  | 5.99%  | 1.359% |
| 55 | 16.304 | 2409 | 2414 | 2422 | rVB  | 6068429 | 11554486 | 29.12% | 6.609% |
| 56 | 16.517 | 2444 | 2449 | 2453 | rBV  | 2731544 | 4827947  | 12.17% | 2.762% |

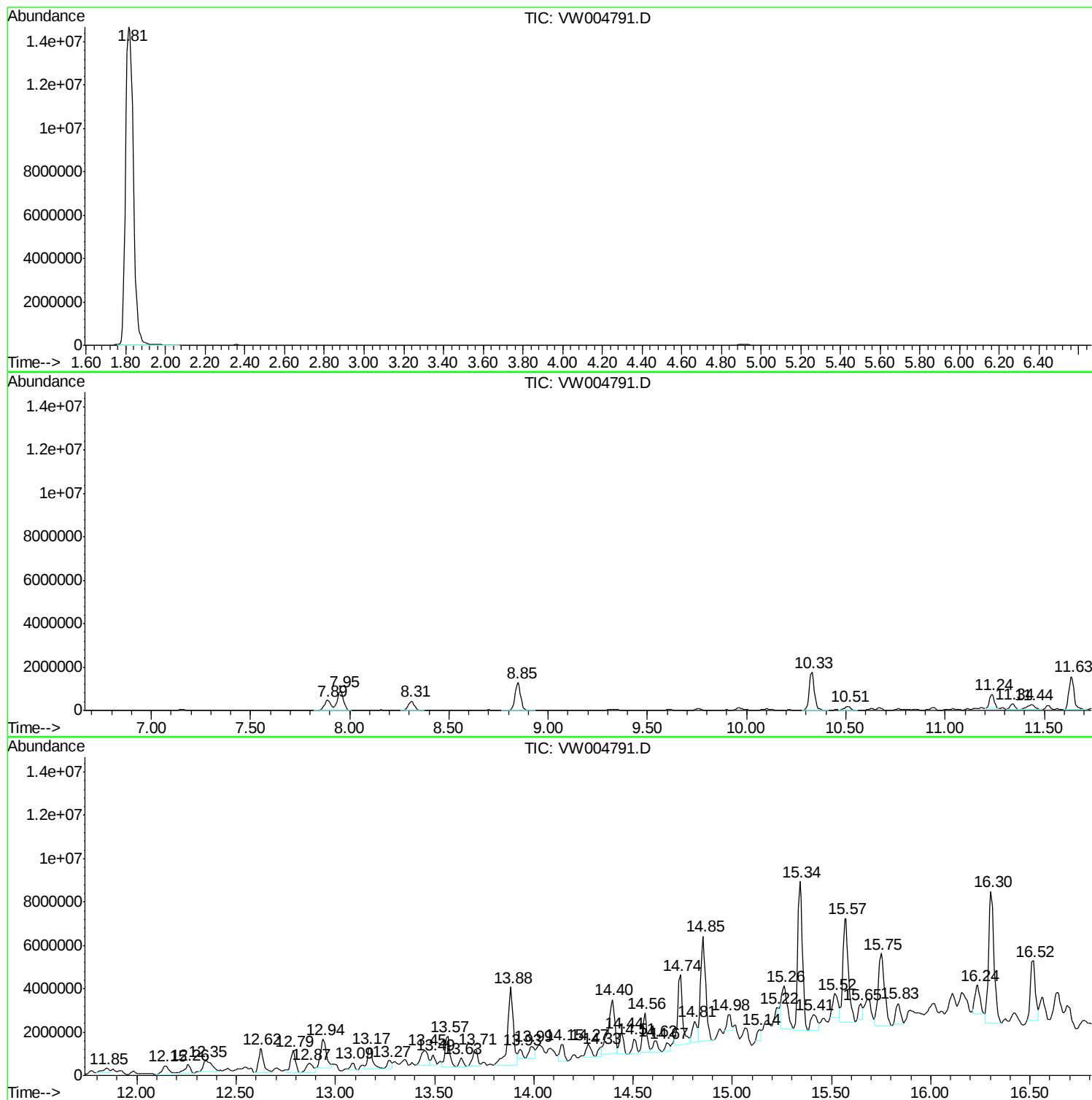
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G.L.-WC-UST-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

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



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 MSVOA\_W  
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 G.L.-WC-UST-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260

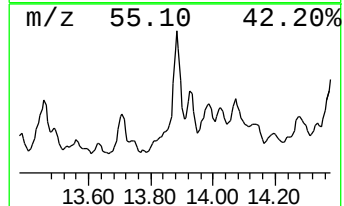
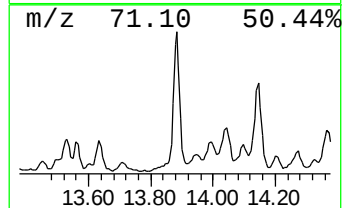
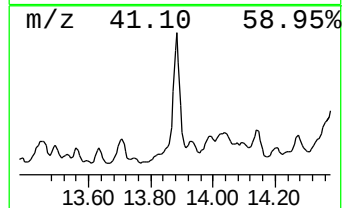
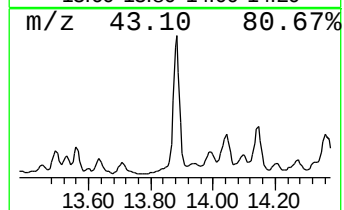
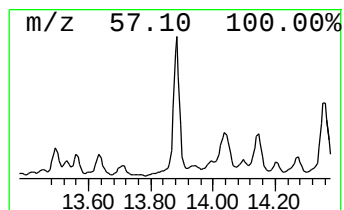
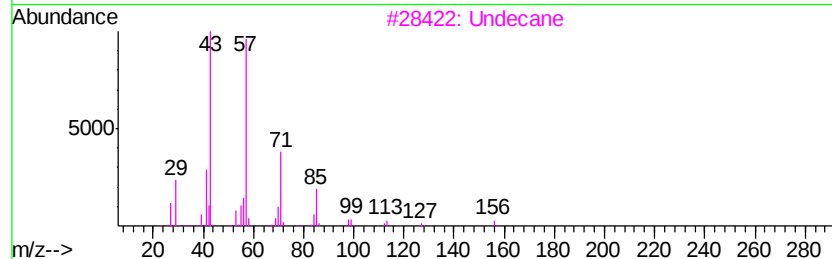
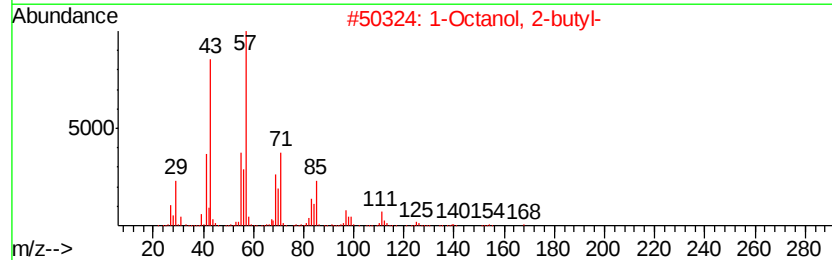
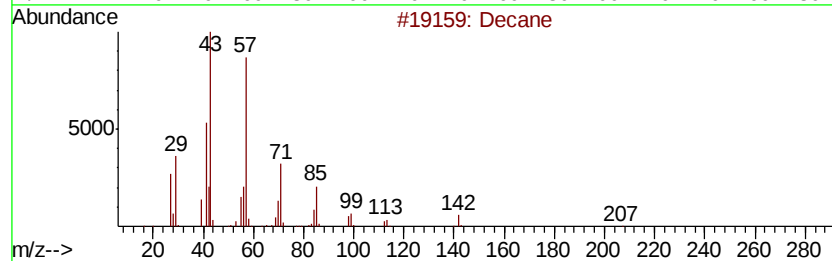
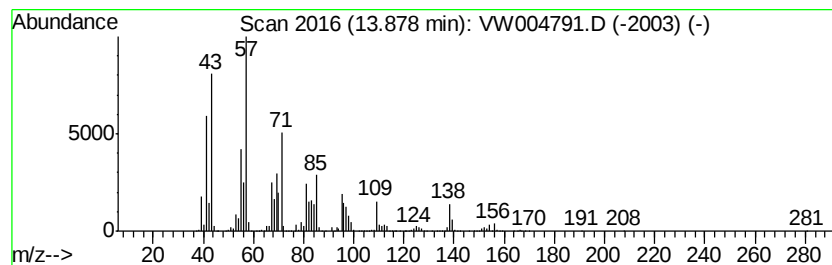
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 2 unknown13.88 Concentration Rank 7

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 13.88 | 148.77 ug/l | 7097730 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Decane                    | 142 | C10H22  | 000124-18-5 | 46   |
| 2    |    | 1-Octanol, 2-butyl-       | 186 | C12H26O | 003913-02-8 | 43   |
| 3    |    | Undecane                  | 156 | C11H24  | 001120-21-4 | 41   |
| 4    |    | Cyclononanone, 2-hydroxy- | 156 | C9H16O2 | 000496-83-3 | 38   |
| 5    |    | Hexane, 3,3-dimethyl-     | 114 | C8H18   | 000563-16-6 | 35   |



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Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

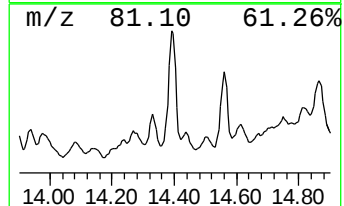
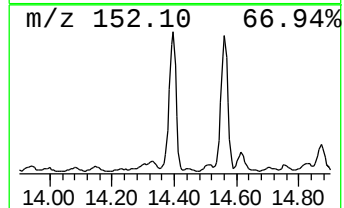
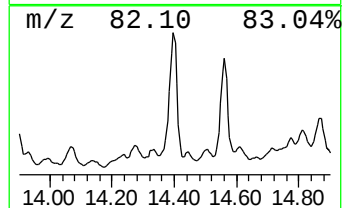
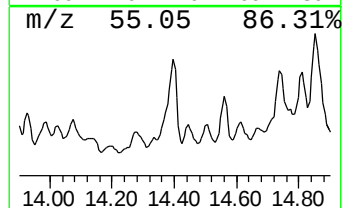
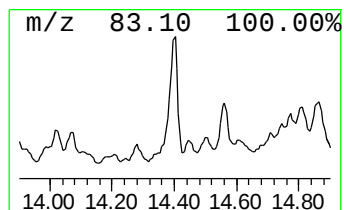
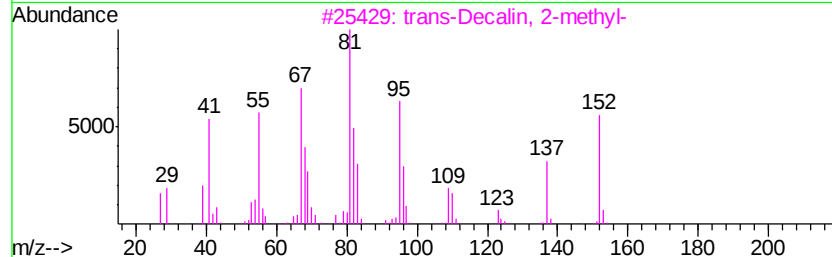
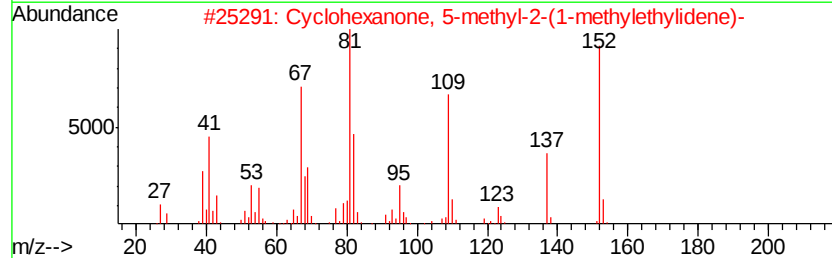
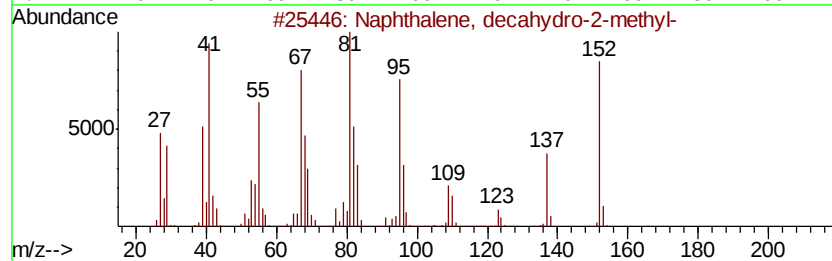
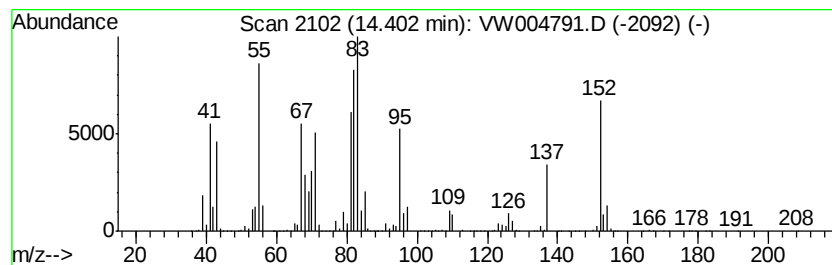
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 8

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 14.40 | 119.61 ug/l | 5706740 | 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  | 76   |
| 2       |   | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6  | 49   |
| 3       |   | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 49   |
| 4       |   | Decalin, anti-1-methyl-, cis-       | 152 | C11H20  | 1000158-89-0 | 46   |
| 5       |   | Cyclopentylcyclohexane              | 152 | C11H20  | 001606-08-2  | 46   |



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
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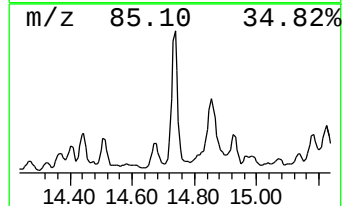
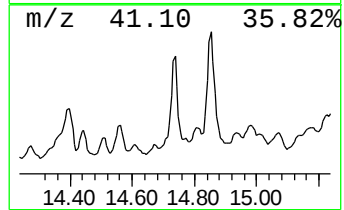
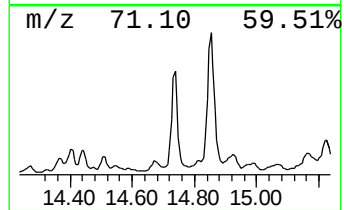
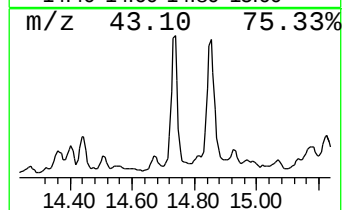
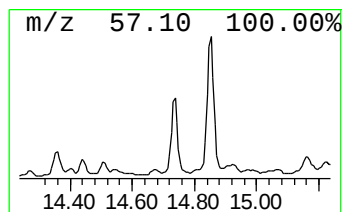
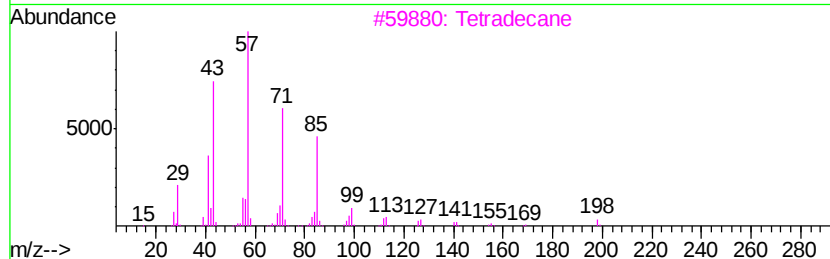
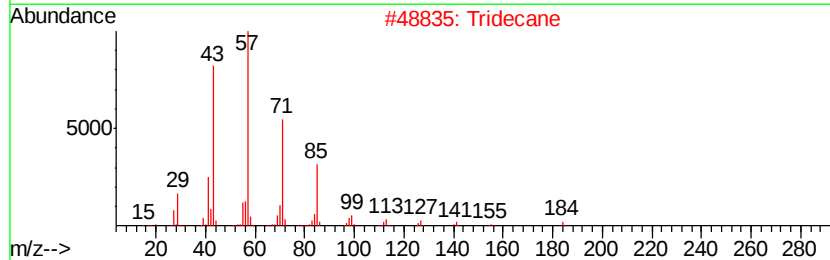
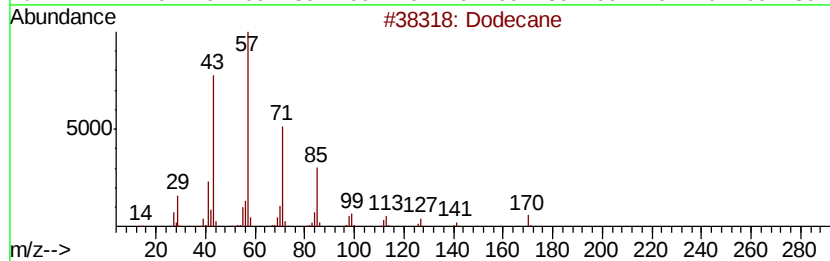
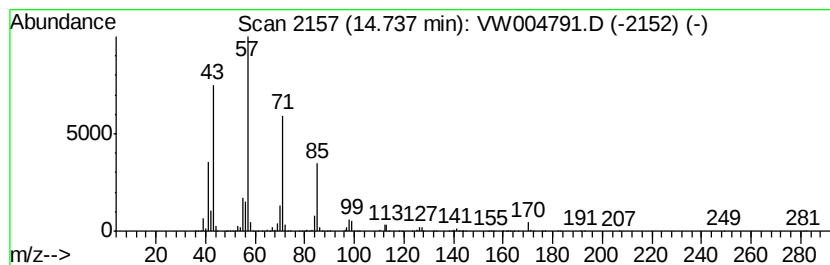
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Dodecane Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 14.74 | 115.80 ug/l | 5525050 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Dodecane                | 170 | C12H26  | 000112-40-3 | 94   |
| 2    |    | Tridecane               | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |    | Tetradecane             | 198 | C14H30  | 000629-59-4 | 90   |
| 4    |    | Hexadecane              | 226 | C16H34  | 000544-76-3 | 86   |
| 5    |    | Undecane, 2,3-dimethyl- | 184 | C13H28  | 017312-77-5 | 83   |



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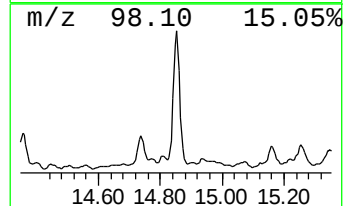
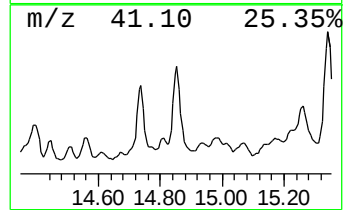
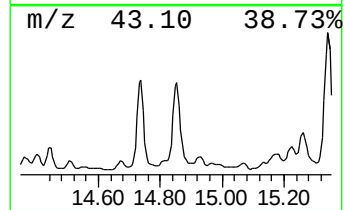
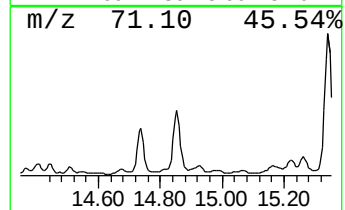
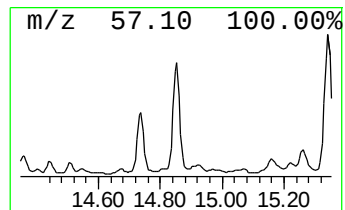
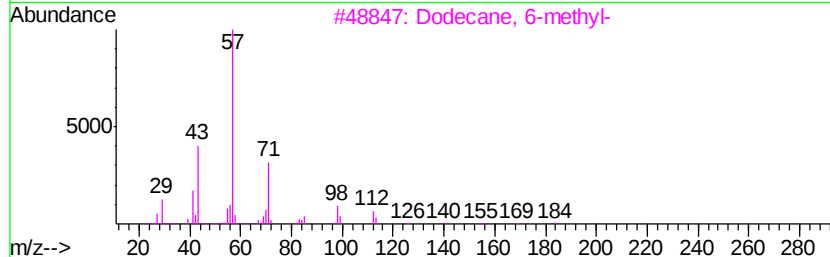
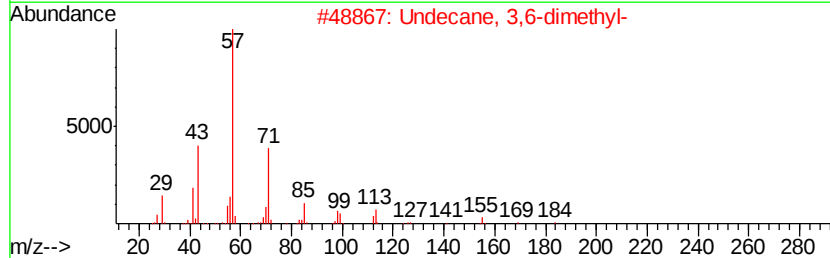
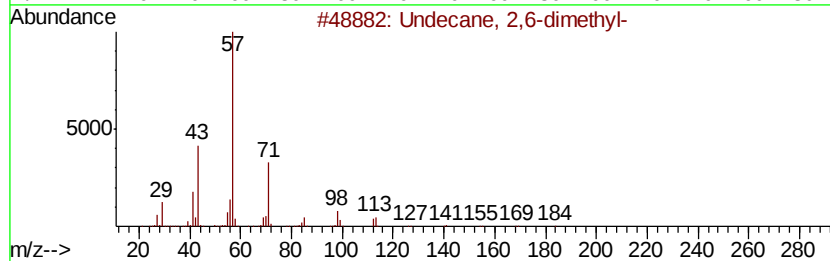
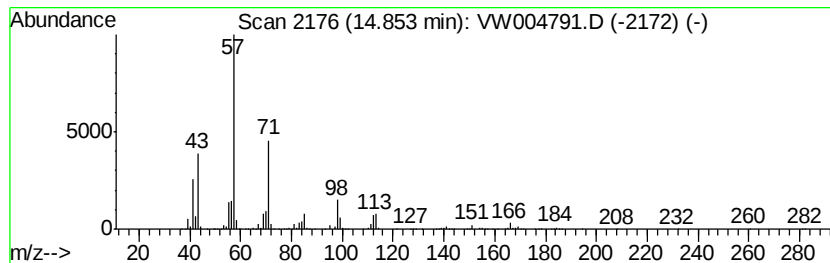
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

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

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Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 5

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 14.85 | 173.74 ug/l | 8289280 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Undecane, 2,6-dimethyl- | 184 | C13H28  | 017301-23-4 | 95   |
| 2    |    | Undecane, 3,6-dimethyl- | 184 | C13H28  | 017301-28-9 | 90   |
| 3    |    | Dodecane, 6-methyl-     | 184 | C13H28  | 006044-71-9 | 81   |
| 4    |    | Pentadecane, 7-methyl-  | 226 | C16H34  | 006165-40-8 | 64   |
| 5    |    | Undecane, 6-ethyl-      | 184 | C13H28  | 017312-60-6 | 64   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
Data File : VW004791.D  
Acq On : 20 Aug 2018 15:19  
Operator : SY/AP  
Sample : J4537-01  
Misc : 6.61G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

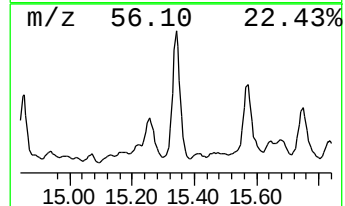
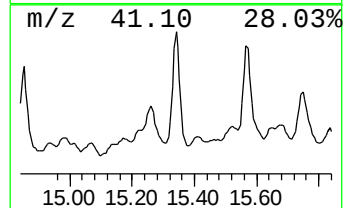
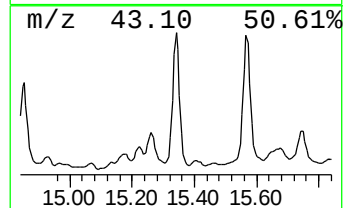
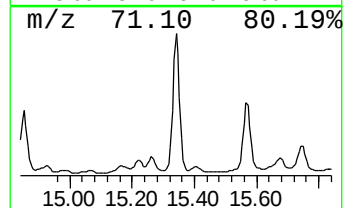
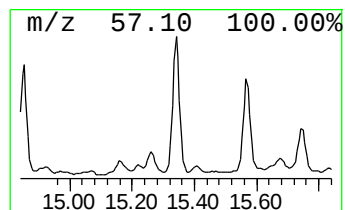
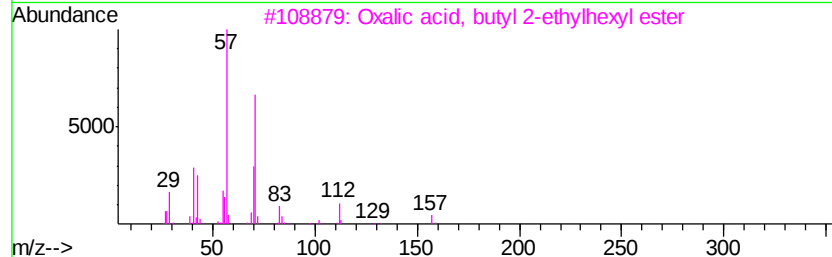
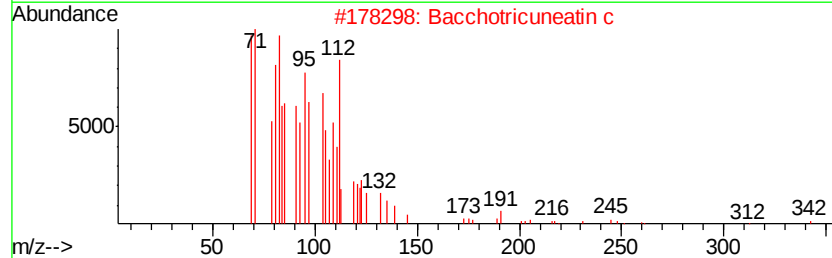
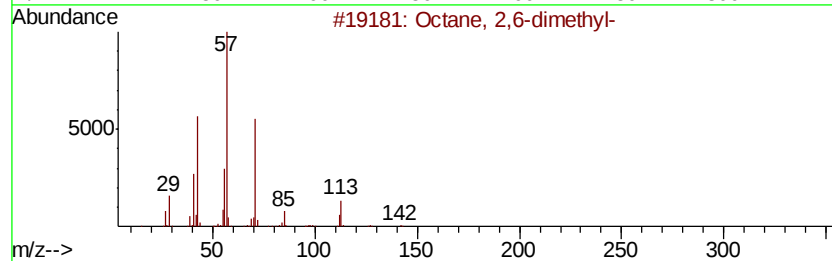
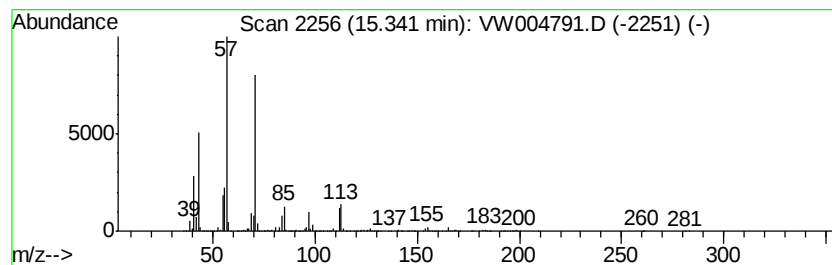
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 3

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 15.34 | 234.24 ug/l | 11175700 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 83   |
| 2    |    | Bacchotricuneatin c                 | 342 | C20H22O5  | 066563-30-2  | 72   |
| 3    |    | Oxalic acid, butyl 2-ethylhexyl ... | 258 | C14H26O4  | 1000309-38-6 | 59   |
| 4    |    | Sulfurous acid, octyl 2-propyl e... | 236 | C11H24O3S | 1000309-11-9 | 53   |
| 5    |    | Octane, 3,3-dimethyl-               | 142 | C10H22    | 004110-44-5  | 53   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
Data File : VW004791.D  
Acq On : 20 Aug 2018 15:19  
Operator : SY/AP  
Sample : J4537-01  
Misc : 6.61G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

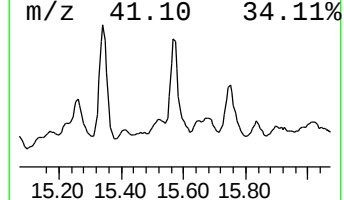
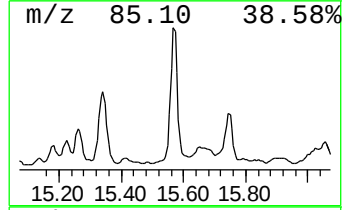
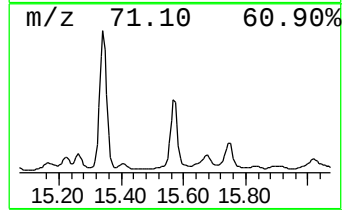
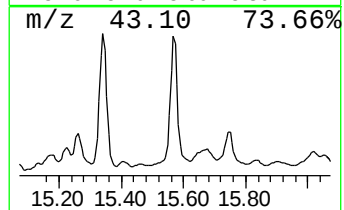
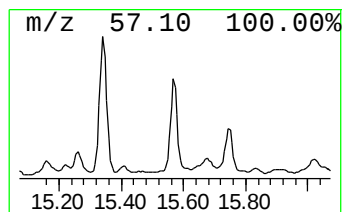
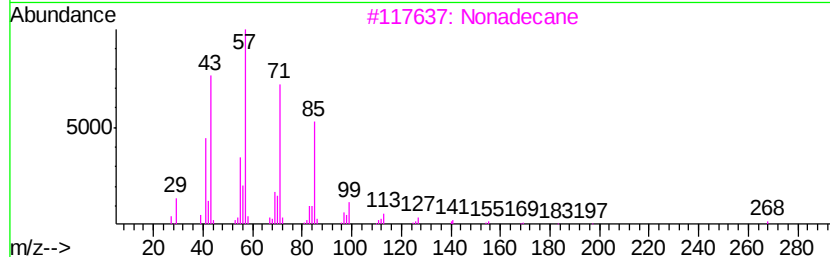
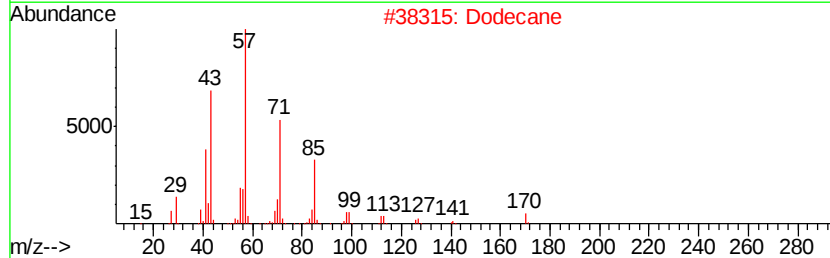
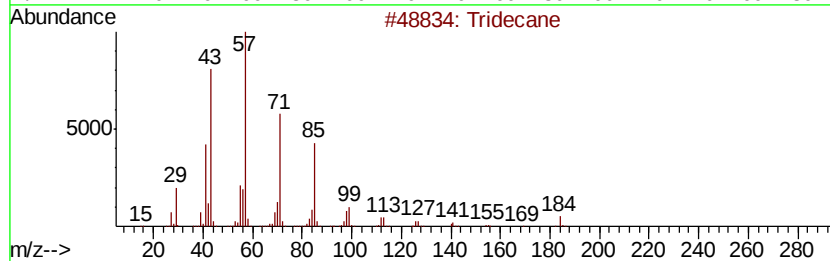
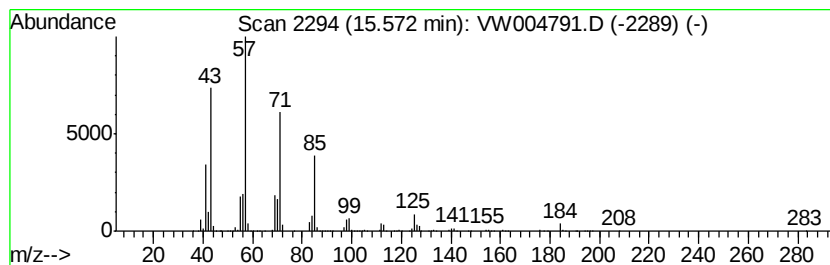
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

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

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Peak Number 7 Tridecane Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.57 | 189.55 ug/l | 9043710 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Tridecane             | 184 | C13H28   | 000629-50-5 | 93   |
| 2    |    | Dodecane              | 170 | C12H26   | 000112-40-3 | 86   |
| 3    |    | Nonadecane            | 268 | C19H40   | 000629-92-5 | 78   |
| 4    |    | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 78   |
| 5    |    | Hexadecane            | 226 | C16H34   | 000544-76-3 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
Data File : VW004791.D  
Acq On : 20 Aug 2018 15:19  
Operator : SY/AP  
Sample : J4537-01  
Misc : 6.61G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

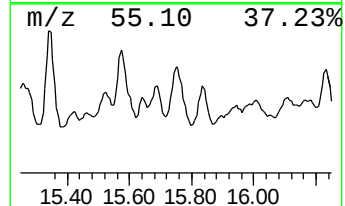
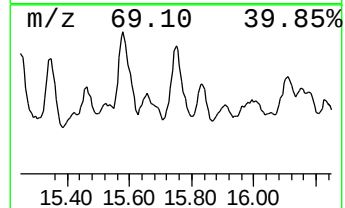
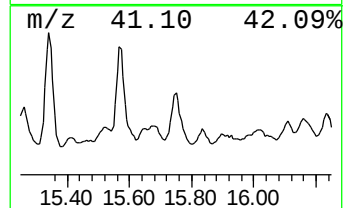
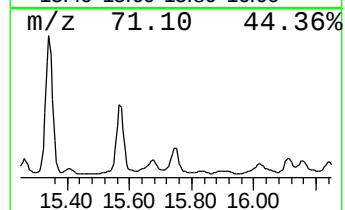
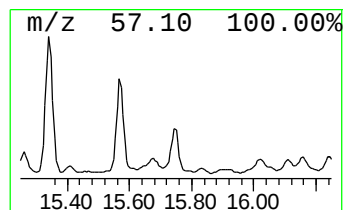
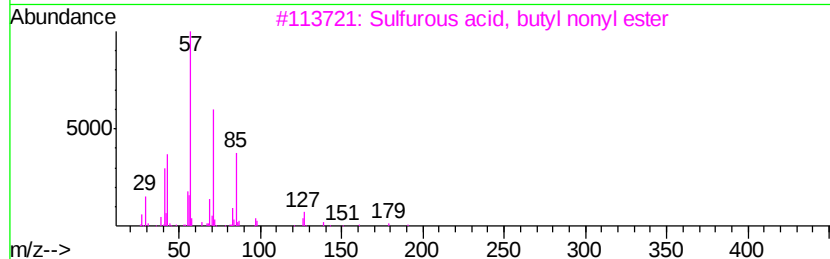
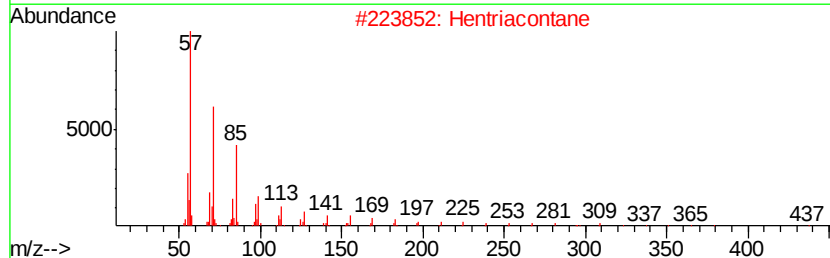
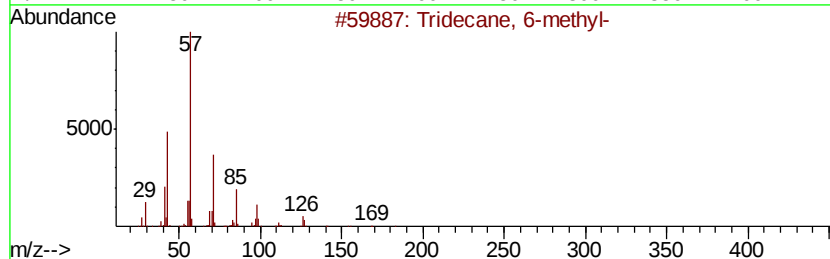
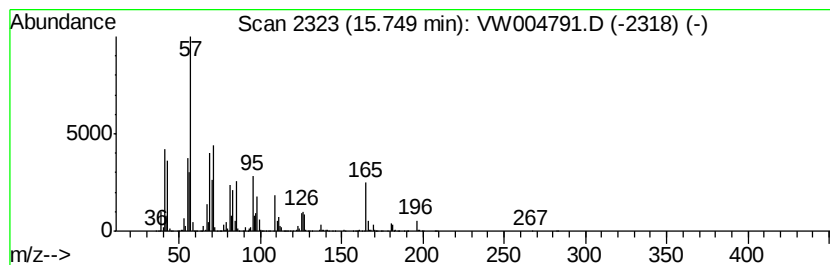
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown15.75 Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.75 | 154.94 ug/l | 7392420 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|---------|---|-----------------------------------|-----|-----------|--------------|------|
| 1       |   | Tridecane, 6-methyl-              | 198 | C14H30    | 013287-21-3  | 47   |
| 2       |   | Hentriacontane                    | 437 | C31H64    | 000630-04-6  | 38   |
| 3       |   | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 35   |
| 4       |   | Hexatriacontane                   | 507 | C36H74    | 000630-06-8  | 35   |
| 5       |   | Decane, 3-methyl-                 | 156 | C11H24    | 013151-34-3  | 35   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
Data File : VW004791.D  
Acq On : 20 Aug 2018 15:19  
Operator : SY/AP  
Sample : J4537-01  
Misc : 6.61G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

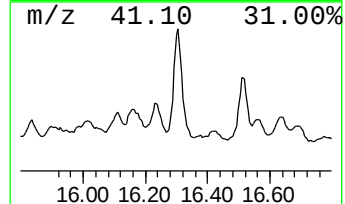
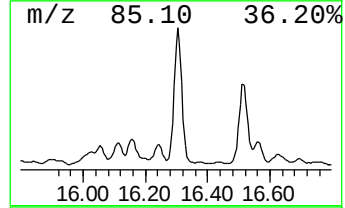
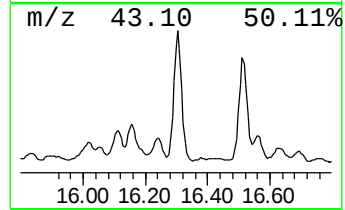
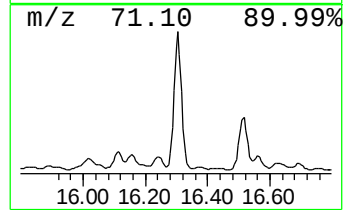
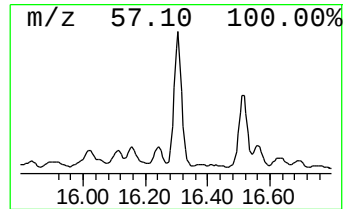
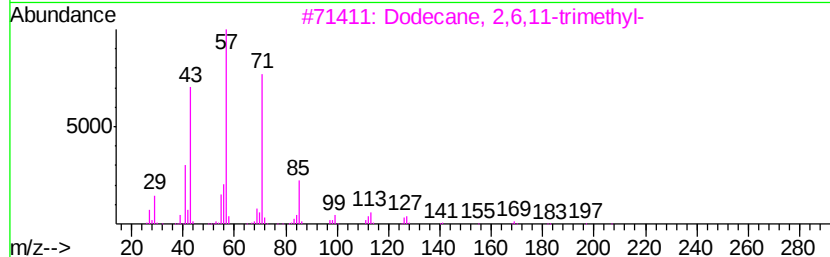
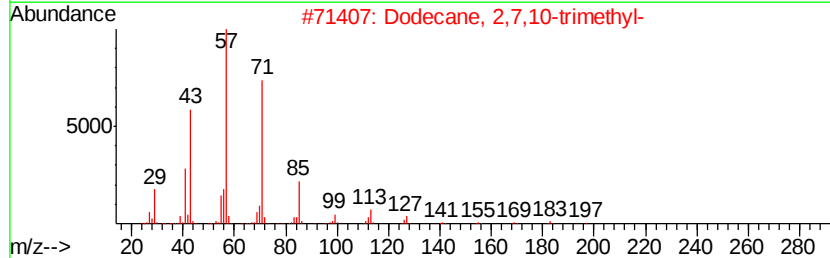
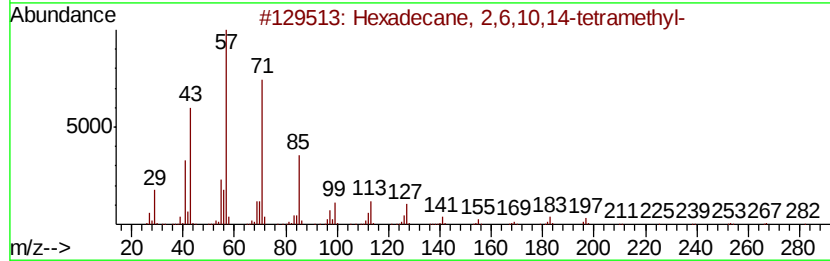
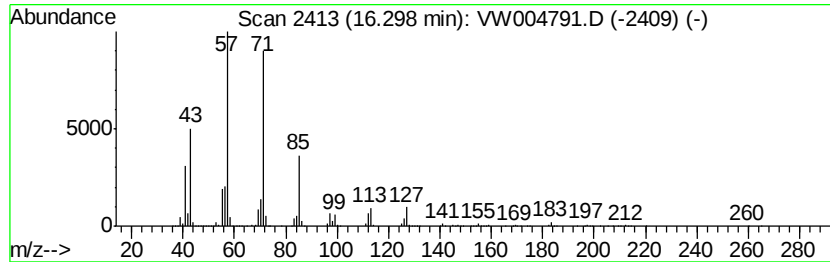
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 16.30 | 242.18 ug/l | 11554500 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 94   |
| 2    |    | Dodecane, 2,7,10-trimethyl-        | 212 | C15H32  | 074645-98-0 | 90   |
| 3    |    | Dodecane, 2,6,11-trimethyl-        | 212 | C15H32  | 031295-56-4 | 83   |
| 4    |    | Dodecane, 2,6,10-trimethyl-        | 212 | C15H32  | 003891-98-3 | 80   |
| 5    |    | Octadecane, 2,6-dimethyl-          | 282 | C20H42  | 075163-97-2 | 80   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
Data File : VW004791.D  
Acq On : 20 Aug 2018 15:19  
Operator : SY/AP  
Sample : J4537-01  
Misc : 6.61G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260

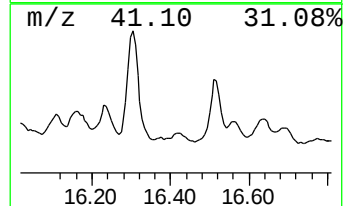
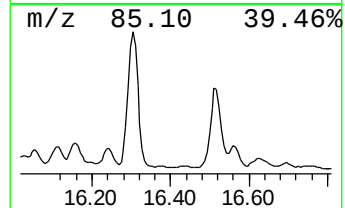
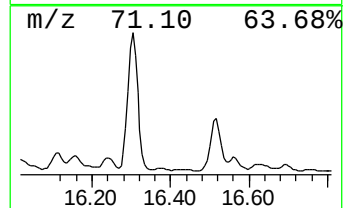
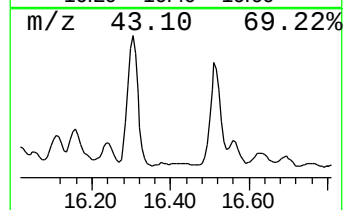
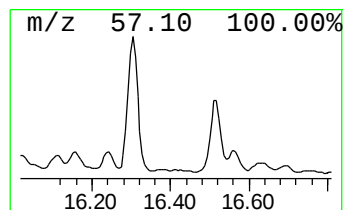
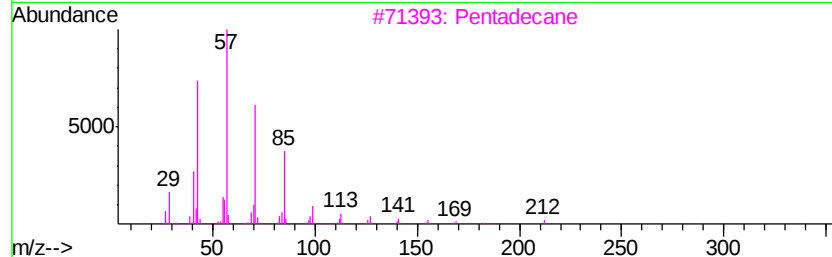
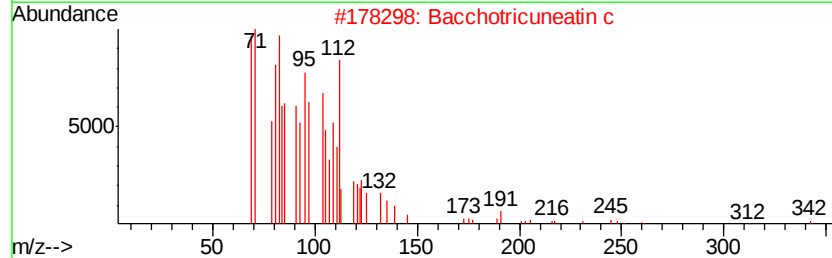
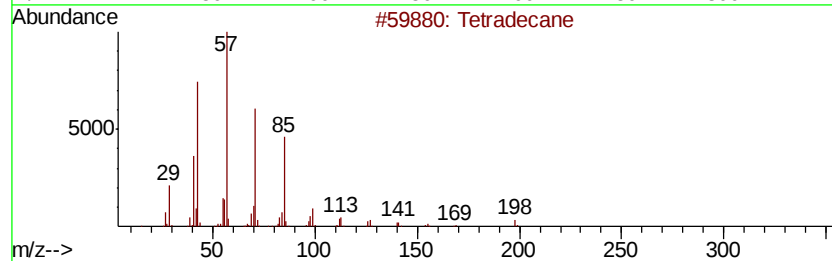
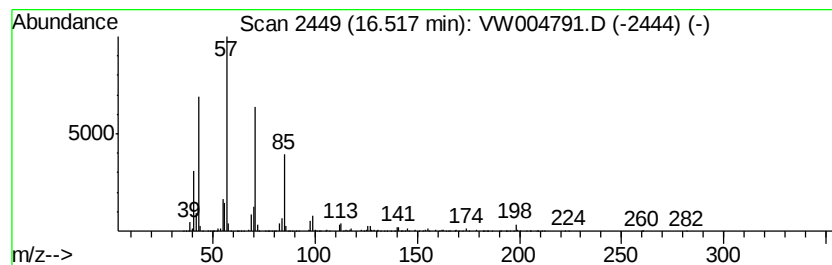
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Tetradecane Concentration Rank 10

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 16.52 | 101.19 ug/l | 4827950 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Tetradecane           | 198 | C14H30   | 000629-59-4 | 98   |
| 2    |    | Bacchotricuneatin c   | 342 | C20H22O5 | 066563-30-2 | 98   |
| 3    |    | Pentadecane           | 212 | C15H32   | 000629-62-9 | 95   |
| 4    |    | Nonadecane, 9-methyl- | 282 | C20H42   | 013287-24-6 | 91   |
| 5    |    | Tridecane             | 184 | C13H28   | 000629-50-5 | 91   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW082018\  
Data File : VW004791.D  
Acq On : 20 Aug 2018 15:19  
Operator : SY/AP  
Sample : J4537-01  
Misc : 6.61G/5ML/MSVOA\_W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
G.L.-WC-UST-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.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 |
| unknown13.88         | 13.88 | 148.8   | ug/l  | 7097730  | 4                     | 13.57 | 2385530 | 50.0 |
| Naphthalene, deca... | 14.40 | 119.6   | ug/l  | 5706740  | 4                     | 13.57 | 2385530 | 50.0 |
| Dodecane             | 14.74 | 115.8   | ug/l  | 5525050  | 4                     | 13.57 | 2385530 | 50.0 |
| Undecane, 2,6-dim... | 14.85 | 173.7   | ug/l  | 8289280  | 4                     | 13.57 | 2385530 | 50.0 |
| Octane, 2,6-dimet... | 15.34 | 234.2   | ug/l  | 11175700 | 4                     | 13.57 | 2385530 | 50.0 |
| Tridecane            | 15.57 | 189.6   | ug/l  | 9043710  | 4                     | 13.57 | 2385530 | 50.0 |
| unknown15.75         | 15.75 | 154.9   | ug/l  | 7392420  | 4                     | 13.57 | 2385530 | 50.0 |
| Hexadecane, 2,6,1... | 16.30 | 242.2   | ug/l  | 11554500 | 4                     | 13.57 | 2385530 | 50.0 |
| Tetradecane          | 16.52 | 101.2   | ug/l  | 4827950  | 4                     | 13.57 | 2385530 | 50.0 |