

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\  
 Data File : VW010648.D  
 Acq On : 31 May 2019 20:31  
 Operator : SY/VA  
 Sample : K3125-21RE  
 Misc : 5.03G/5ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 13903

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\82W052019S.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         | 2.629       | 114           | 119         | 124          | rVB3     | 5634           | 10548         | 1.30%           | 0.176%        |
| 2         | 4.129       | 357           | 365         | 376          | rBV      | 4362           | 12019         | 1.48%           | 0.201%        |
| 3         | 4.385       | 398           | 407         | 418          | rBV3     | 5637           | 18523         | 2.28%           | 0.310%        |
| 4         | 4.915       | 483           | 494         | 501          | rBV4     | 3096           | 10509         | 1.30%           | 0.176%        |
| 5         | 5.074       | 506           | 520         | 521          | rBV2     | 9589           | 19769         | 2.44%           | 0.331%        |
| 6         | 5.946       | 654           | 663         | 671          | rBV4     | 3928           | 11253         | 1.39%           | 0.188%        |
| 7         | 7.141       | 848           | 859         | 872          | rBV      | 19832          | 56814         | 7.01%           | 0.950%        |
| 8         | 7.884       | 972           | 981         | 986          | rBV      | 113141         | 264076        | 32.56%          | 4.416%        |
| 9         | 7.945       | 986           | 991         | 1001         | rVB      | 196560         | 443580        | 54.70%          | 7.418%        |
| 10        | 8.262       | 1033          | 1043        | 1044         | rBV      | 19172          | 39361         | 4.85%           | 0.658%        |
| 11        | 8.305       | 1044          | 1050        | 1063         | rVB      | 111878         | 258438        | 31.87%          | 4.322%        |
| 12        | 8.841       | 1129          | 1138        | 1150         | rBV      | 299003         | 594650        | 73.33%          | 9.944%        |
| 13        | 10.323      | 1373          | 1381        | 1387         | rBV      | 448226         | 810937        | 100.00%         | 13.561%       |
| 14        | 10.390      | 1387          | 1392        | 1402         | rVB      | 421993         | 731770        | 90.24%          | 12.237%       |
| 15        | 10.567      | 1416          | 1421        | 1428         | rVB      | 7084           | 12975         | 1.60%           | 0.217%        |
| 16        | 10.707      | 1434          | 1444        | 1450         | rBV2     | 12109          | 23151         | 2.85%           | 0.387%        |
| 17        | 11.061      | 1497          | 1502        | 1507         | rBV3     | 5775           | 9928          | 1.22%           | 0.166%        |
| 18        | 11.445      | 1554          | 1565        | 1571         | rBV3     | 4448           | 9010          | 1.11%           | 0.151%        |
| 19        | 11.634      | 1587          | 1596        | 1605         | rBV      | 375136         | 638857        | 78.78%          | 10.683%       |
| 20        | 11.737      | 1606          | 1613        | 1616         | rVV5     | 4093           | 8170          | 1.01%           | 0.137%        |
| 21        | 11.841      | 1624          | 1630        | 1633         | rBV      | 8974           | 17207         | 2.12%           | 0.288%        |
| 22        | 11.871      | 1633          | 1635        | 1646         | rVB5     | 5768           | 10335         | 1.27%           | 0.173%        |
| 23        | 11.987      | 1650          | 1654        | 1659         | rVB3     | 5431           | 8631          | 1.06%           | 0.144%        |
| 24        | 12.164      | 1671          | 1683        | 1693         | rBV4     | 8139           | 22122         | 2.73%           | 0.370%        |
| 25        | 12.621      | 1752          | 1758        | 1766         | rVB      | 299857         | 489899        | 60.41%          | 8.192%        |
| 26        | 12.725      | 1770          | 1775        | 1781         | rVB6     | 5918           | 9852          | 1.21%           | 0.165%        |
| 27        | 12.896      | 1791          | 1803        | 1807         | rBV4     | 15323          | 43781         | 5.40%           | 0.732%        |
| 28        | 12.938      | 1807          | 1810        | 1816         | rVB5     | 16722          | 31995         | 3.95%           | 0.535%        |
| 29        | 13.255      | 1857          | 1862        | 1865         | rBV2     | 9060           | 12961         | 1.60%           | 0.217%        |
| 30        | 13.304      | 1865          | 1870        | 1875         | rVV7     | 6890           | 12938         | 1.60%           | 0.216%        |
| 31        | 13.450      | 1886          | 1894        | 1898         | rBV7     | 4883           | 11691         | 1.44%           | 0.195%        |
| 32        | 13.493      | 1898          | 1901        | 1905         | rVV4     | 4766           | 8125          | 1.00%           | 0.136%        |
| 33        | 13.560      | 1906          | 1912        | 1920         | rVB      | 320805         | 512578        | 63.21%          | 8.571%        |
| 34        | 13.652      | 1920          | 1927        | 1940         | rBV      | 125310         | 220886        | 27.24%          | 3.694%        |

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 MSVOA\_W  
 ClientSampleId :  
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## 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\82W052019S.M  
 Title : SW846 8260

|    |        |      |      |      |       |       |       |       |        |
|----|--------|------|------|------|-------|-------|-------|-------|--------|
| 35 | 13.877 | 1959 | 1964 | 1970 | rBV3  | 27855 | 47037 | 5.80% | 0.787% |
| 36 | 14.078 | 1993 | 1997 | 2005 | rVB5  | 6874  | 17229 | 2.12% | 0.288% |
| 37 | 14.206 | 2012 | 2018 | 2022 | rBV2  | 8863  | 16863 | 2.08% | 0.282% |
| 38 | 14.267 | 2024 | 2028 | 2034 | rVV8  | 8861  | 17291 | 2.13% | 0.289% |
| 39 | 14.347 | 2034 | 2041 | 2045 | rVV9  | 7526  | 20857 | 2.57% | 0.349% |
| 40 | 14.389 | 2045 | 2048 | 2051 | rVV3  | 15075 | 26334 | 3.25% | 0.440% |
| 41 | 14.426 | 2051 | 2054 | 2063 | rVB4  | 16474 | 32849 | 4.05% | 0.549% |
| 42 | 14.529 | 2063 | 2071 | 2078 | rBV6  | 17548 | 54116 | 6.67% | 0.905% |
| 43 | 14.731 | 2100 | 2104 | 2109 | rVB2  | 21275 | 32856 | 4.05% | 0.549% |
| 44 | 14.798 | 2111 | 2115 | 2120 | rVV5  | 11677 | 26815 | 3.31% | 0.448% |
| 45 | 14.846 | 2120 | 2123 | 2130 | rVB6  | 13425 | 30312 | 3.74% | 0.507% |
| 46 | 15.005 | 2147 | 2149 | 2154 | rVB5  | 12133 | 17665 | 2.18% | 0.295% |
| 47 | 15.066 | 2156 | 2159 | 2166 | rVB6  | 10195 | 18675 | 2.30% | 0.312% |
| 48 | 15.170 | 2166 | 2176 | 2181 | rBV10 | 12943 | 42659 | 5.26% | 0.713% |
| 49 | 15.261 | 2188 | 2191 | 2198 | rVB8  | 9088  | 16599 | 2.05% | 0.278% |
| 50 | 15.328 | 2199 | 2202 | 2208 | rBV5  | 13625 | 28303 | 3.49% | 0.473% |
| 51 | 15.432 | 2214 | 2219 | 2225 | rBV6  | 14868 | 37179 | 4.58% | 0.622% |
| 52 | 15.566 | 2237 | 2241 | 2247 | rVB5  | 15608 | 28432 | 3.51% | 0.475% |
| 53 | 15.877 | 2288 | 2292 | 2297 | rVB8  | 13113 | 21684 | 2.67% | 0.363% |
| 54 | 16.383 | 2370 | 2375 | 2379 | rBV   | 24114 | 48990 | 6.04% | 0.819% |

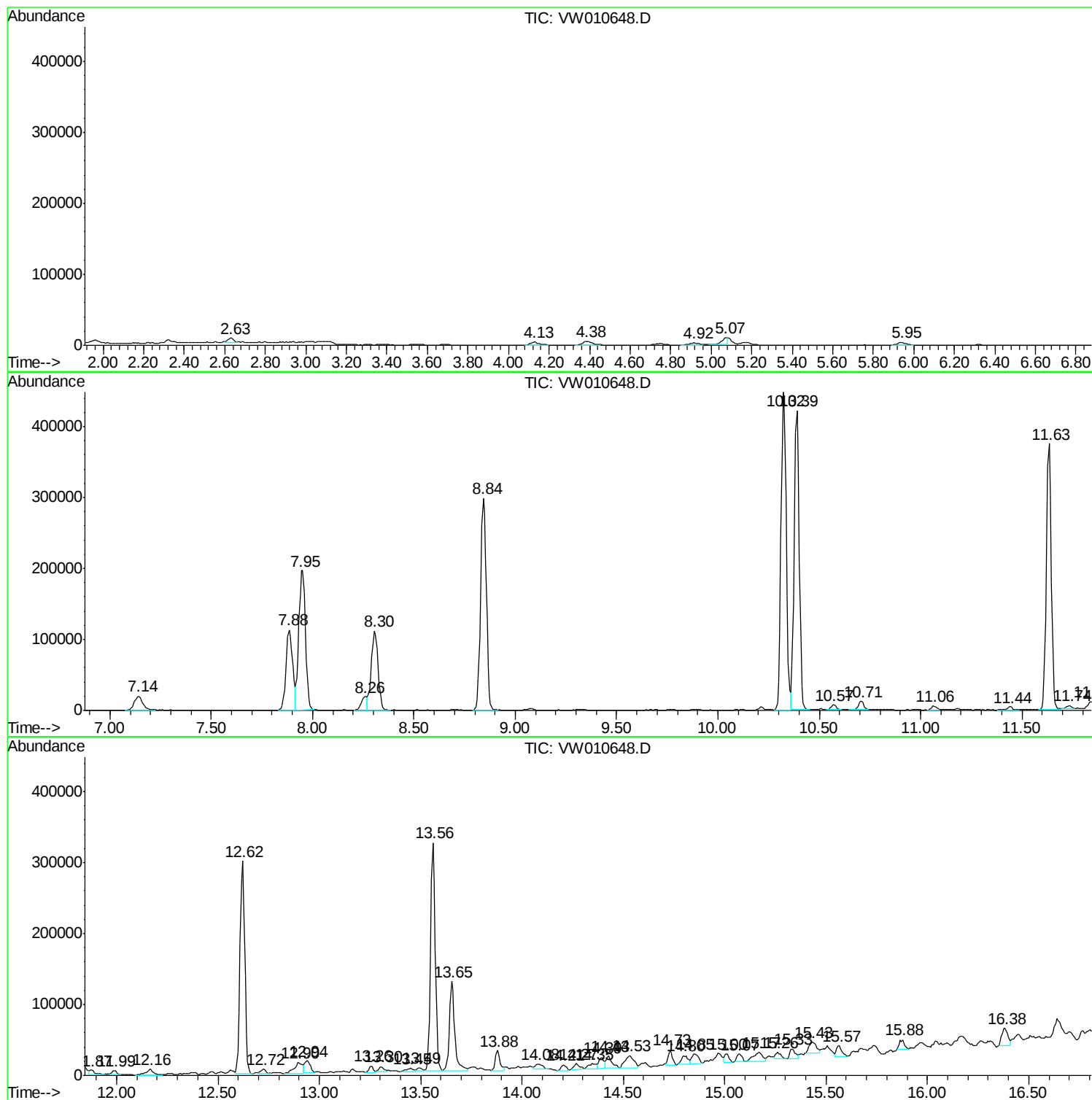
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Misc : 5.03G/5ML/MSVOA W/SOIL  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
13903

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053119\  
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Sample : K3125-21RE  
Misc : 5.03G/5ML/MSVOA W/SOIL  
ALS Vial : 21 Sample Multiplier: 1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

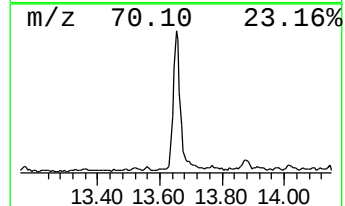
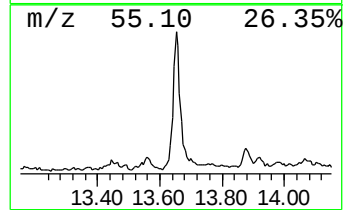
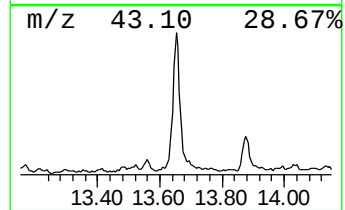
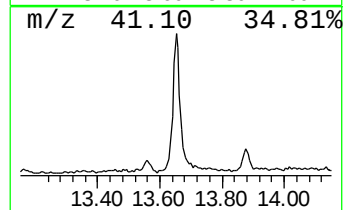
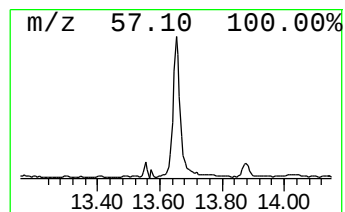
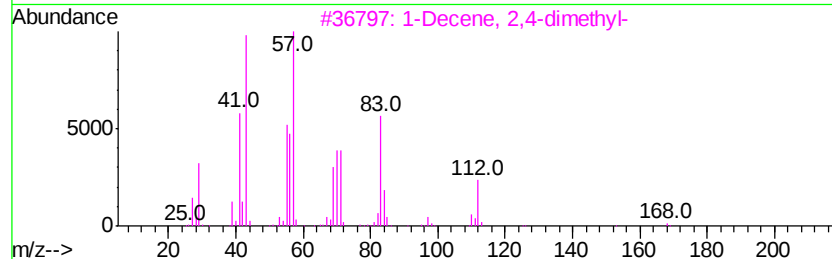
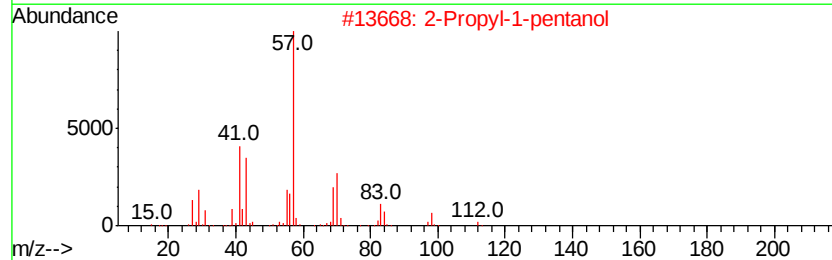
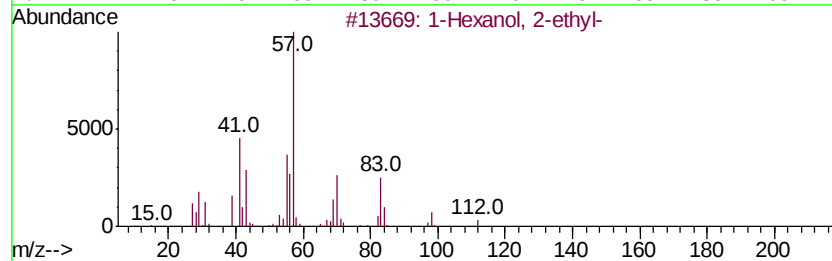
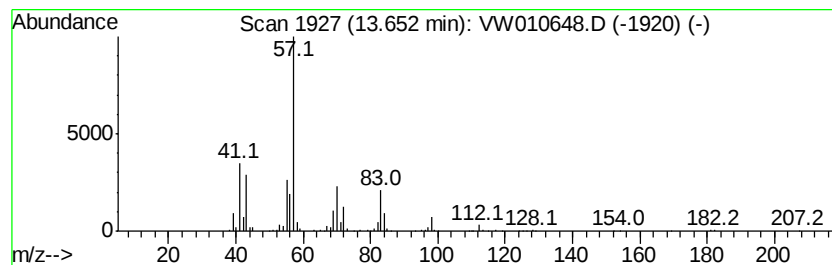
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.65 | 21.55 ug/l | 220886 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O   | 000104-76-7  | 86   |
| 2    |    | 2-Propyl-1-pentanol                 | 130 | C8H18O   | 058175-57-8  | 53   |
| 3    |    | 1-Decene, 2,4-dimethyl-             | 168 | C12H24   | 055170-80-4  | 43   |
| 4    |    | Carbonic acid, isobutyl 2-ethylh... | 230 | C13H26O3 | 1000357-82-9 | 40   |
| 5    |    | Hexanoyl chloride, 3,5,5-trimethyl- | 176 | C9H17ClO | 036727-29-4  | 38   |



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Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

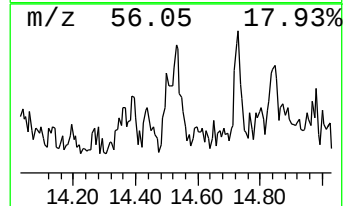
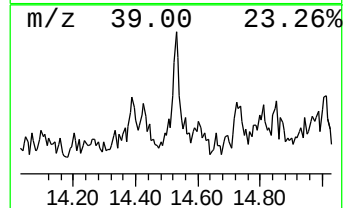
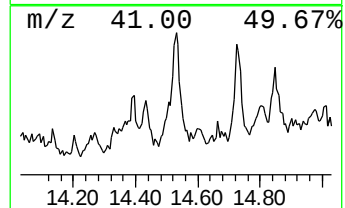
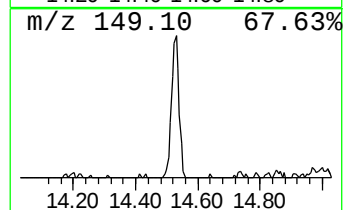
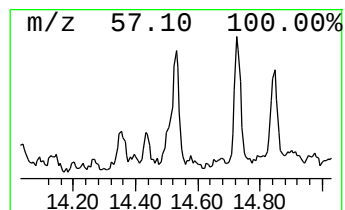
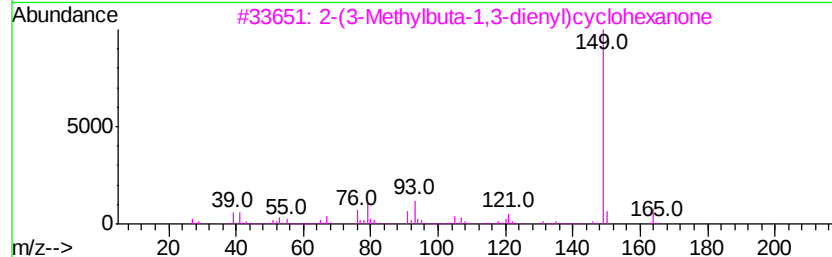
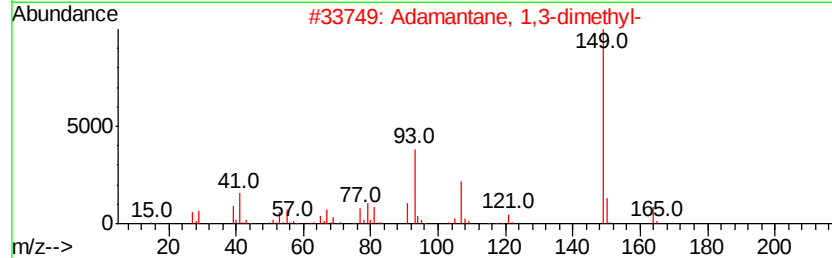
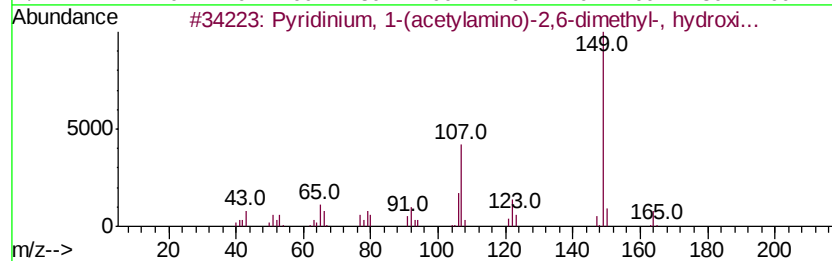
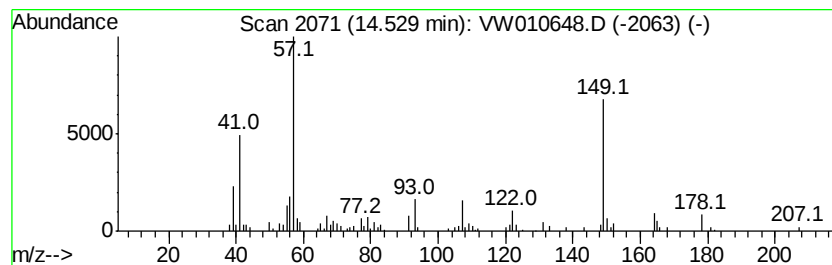
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Pyridinium, 1-(acetyl amino)... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.53 | 5.28 ug/l | 54116 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                           | MW  | MolForm  | CAS#         | Qual |
|------|----|----------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Pyridinium, 1-(acetyl amino)-2,6-di... | 164 | C9H12N2O | 031020-35-6  | 58   |
| 2    |    | Adamantane, 1,3-dimethyl-              | 164 | C12H20   | 000702-79-4  | 49   |
| 3    |    | 2-(3-Methylbuta-1,3-dienyl)cyclo...    | 164 | C11H16O  | 1000191-75-5 | 43   |
| 4    |    | 1,3-Cyclohexadiene, 1,3,5,5,6,6-...    | 164 | C12H20   | 1000150-39-4 | 43   |
| 5    |    | 1-Methyl-3-ethyladamantane             | 178 | C13H22   | 001687-34-9  | 38   |



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.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 |
| 1-Hexanol, 2-ethyl-  | 13.65 | 21.6    | ug/l  | 220886   | 4                     | 13.56 | 512578 | 50.0 |
| Pyridinium, 1-(ac... | 14.53 | 5.3     | ug/l  | 54116    | 4                     | 13.56 | 512578 | 50.0 |