

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021025\  
 Data File : VN085723.D  
 Acq On : 10 Feb 2025 15:00  
 Operator : JC\MD  
 Sample : Q1293-01 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 NWB-2123

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\_N\methods\82N011425W.M  
 Title : SW846 8260

Signal : TIC: VN085723.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.665       | 113           | 121         | 128          | rBV      | 137936         | 247529        | 8.24%           | 1.882%        |
| 2         | 3.789       | 301           | 312         | 331          | rBV      | 1162878        | 3005706       | 100.00%         | 22.850%       |
| 3         | 4.430       | 413           | 421         | 433          | rVB      | 15042          | 43187         | 1.44%           | 0.328%        |
| 4         | 8.165       | 1045          | 1056        | 1060         | rBV      | 197568         | 471554        | 15.69%          | 3.585%        |
| 5         | 8.224       | 1060          | 1066        | 1079         | rVB      | 318158         | 721411        | 24.00%          | 5.484%        |
| 6         | 8.577       | 1114          | 1126        | 1139         | rBV2     | 237037         | 688953        | 22.92%          | 5.238%        |
| 7         | 9.100       | 1205          | 1215        | 1229         | rBV      | 489473         | 991691        | 32.99%          | 7.539%        |
| 8         | 10.565      | 1456          | 1464        | 1470         | rBV      | 740879         | 1344887       | 44.74%          | 10.224%       |
| 9         | 10.630      | 1470          | 1475        | 1483         | rVB      | 355232         | 641925        | 21.36%          | 4.880%        |
| 10        | 11.865      | 1676          | 1685        | 1695         | rBV      | 652500         | 1157692       | 38.52%          | 8.801%        |
| 11        | 11.959      | 1695          | 1701        | 1710         | rVV      | 46010          | 79368         | 2.64%           | 0.603%        |
| 12        | 12.065      | 1712          | 1719        | 1729         | rVB      | 131772         | 252194        | 8.39%           | 1.917%        |
| 13        | 12.394      | 1767          | 1775        | 1782         | rBV      | 92247          | 158860        | 5.29%           | 1.208%        |
| 14        | 12.847      | 1844          | 1852        | 1862         | rBV      | 528361         | 881569        | 29.33%          | 6.702%        |
| 15        | 13.094      | 1888          | 1894        | 1898         | rBV      | 48329          | 82604         | 2.75%           | 0.628%        |
| 16        | 13.171      | 1903          | 1907        | 1912         | rVB      | 28201          | 44909         | 1.49%           | 0.341%        |
| 17        | 13.335      | 1921          | 1935        | 1941         | rBV      | 29293          | 50973         | 1.70%           | 0.388%        |
| 18        | 13.482      | 1954          | 1960        | 1969         | rVB      | 101192         | 168236        | 5.60%           | 1.279%        |
| 19        | 13.788      | 2005          | 2012        | 2022         | rBV      | 626815         | 1147529       | 38.18%          | 8.724%        |
| 20        | 13.988      | 2041          | 2046        | 2056         | rBV3     | 43180          | 108823        | 3.62%           | 0.827%        |
| 21        | 14.241      | 2084          | 2089        | 2091         | rBV3     | 21280          | 30985         | 1.03%           | 0.236%        |
| 22        | 14.329      | 2099          | 2104        | 2110         | rVB2     | 20608          | 32164         | 1.07%           | 0.245%        |
| 23        | 14.441      | 2118          | 2123        | 2128         | rVB3     | 25218          | 44723         | 1.49%           | 0.340%        |
| 24        | 14.565      | 2134          | 2144        | 2150         | rBV9     | 14725          | 38546         | 1.28%           | 0.293%        |
| 25        | 14.694      | 2162          | 2166        | 2170         | rVB      | 22015          | 33556         | 1.12%           | 0.255%        |
| 26        | 14.923      | 2200          | 2205        | 2210         | rBV3     | 30295          | 55615         | 1.85%           | 0.423%        |
| 27        | 15.047      | 2217          | 2226        | 2232         | rBV3     | 72724          | 168028        | 5.59%           | 1.277%        |
| 28        | 15.206      | 2246          | 2253        | 2261         | rBV2     | 67408          | 126666        | 4.21%           | 0.963%        |
| 29        | 15.435      | 2283          | 2292        | 2298         | rVB5     | 21067          | 61233         | 2.04%           | 0.466%        |
| 30        | 15.635      | 2319          | 2326        | 2332         | rBV      | 25454          | 47956         | 1.60%           | 0.365%        |
| 31        | 15.770      | 2341          | 2349        | 2356         | rBV6     | 10668          | 36037         | 1.20%           | 0.274%        |
| 32        | 16.164      | 2410          | 2416        | 2427         | rVB3     | 40657          | 93308         | 3.10%           | 0.709%        |
| 33        | 16.341      | 2436          | 2446        | 2456         | rVB7     | 9999           | 32182         | 1.07%           | 0.245%        |
| 34        | 16.494      | 2463          | 2472        | 2479         | rBV4     | 27006          | 63525         | 2.11%           | 0.483%        |

Sum of corrected areas: 13154124

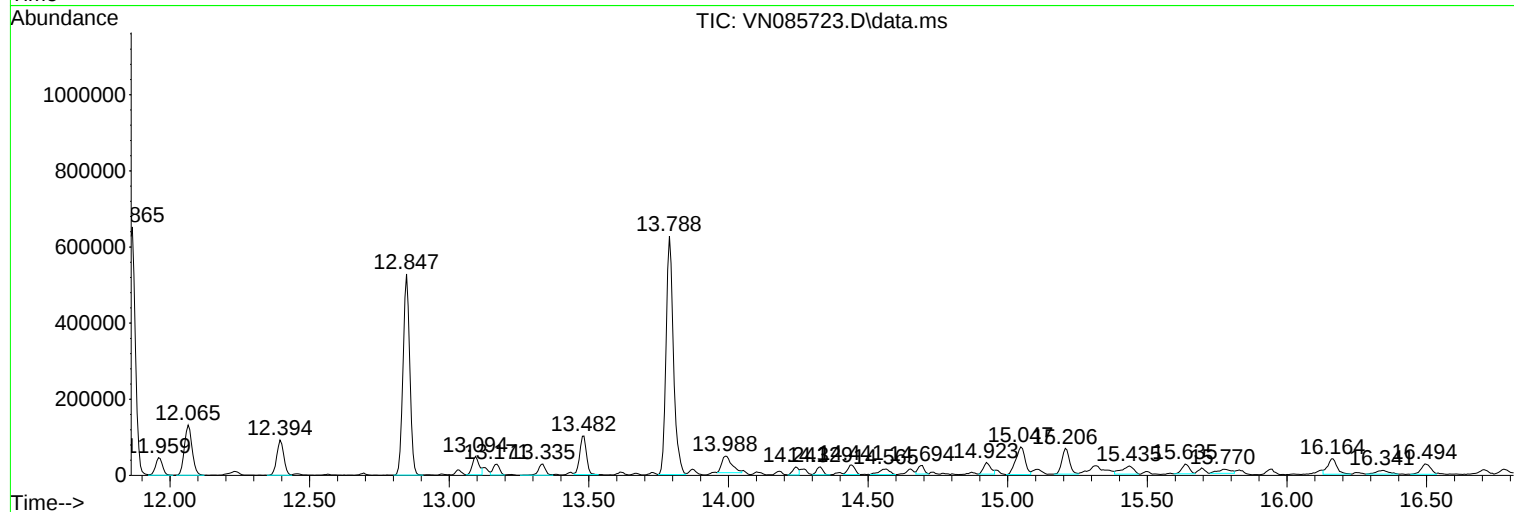
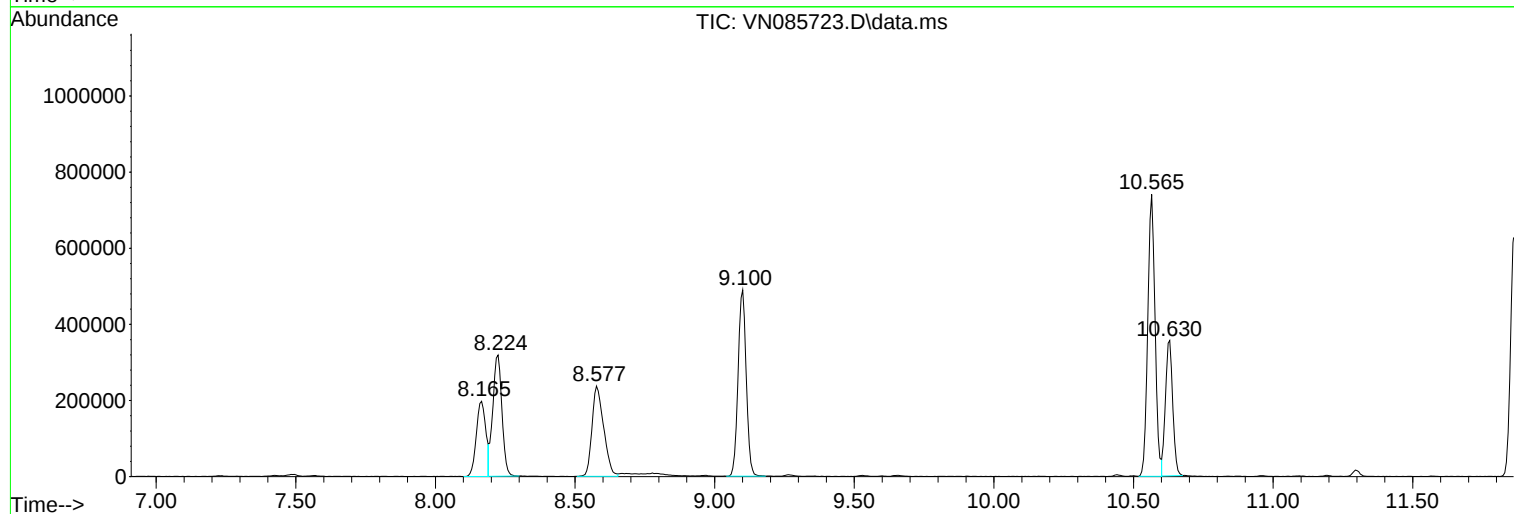
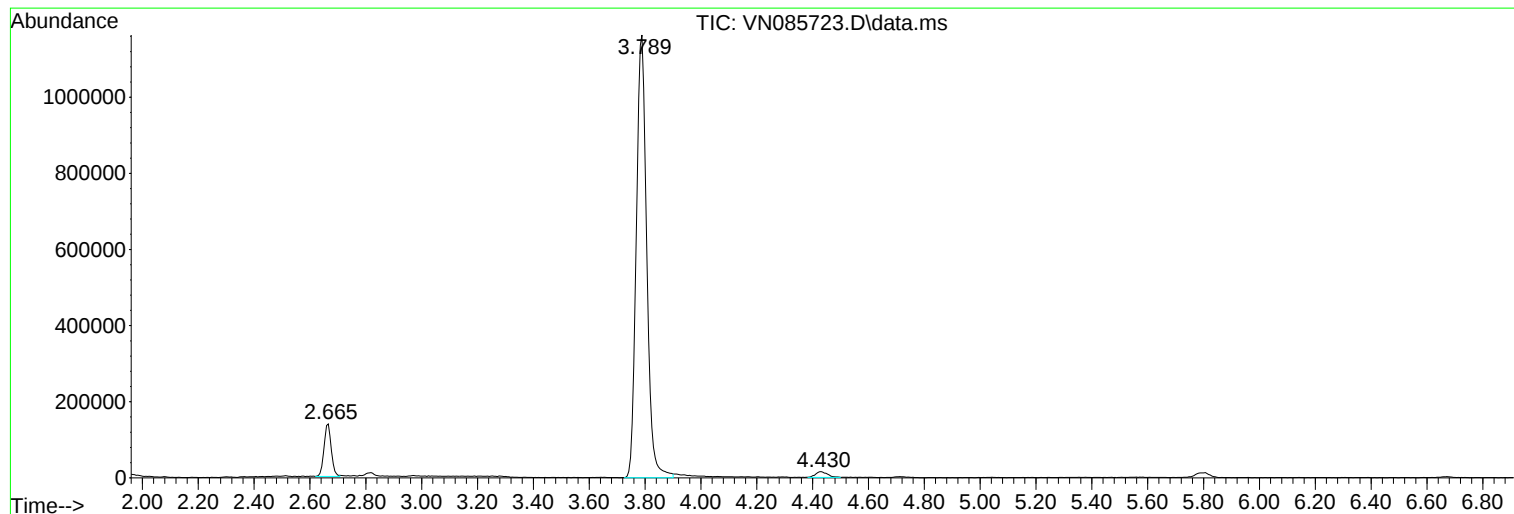
**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
NWB-2123

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260

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



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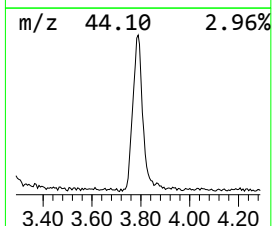
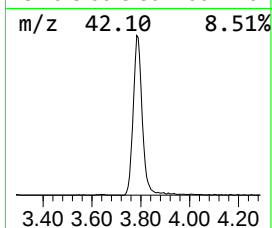
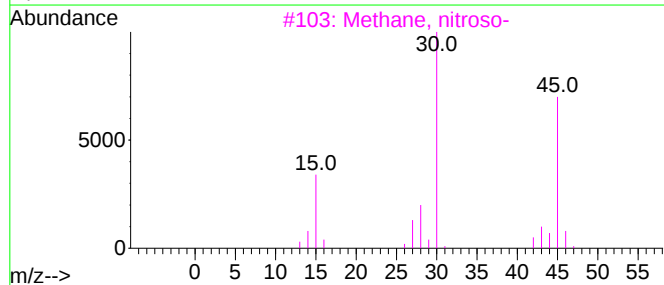
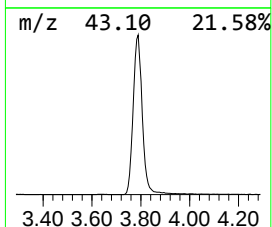
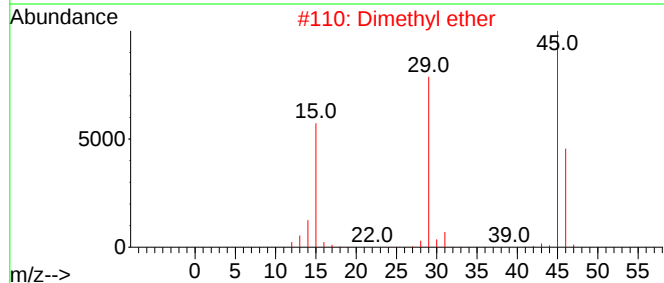
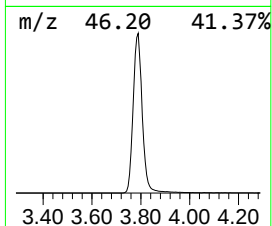
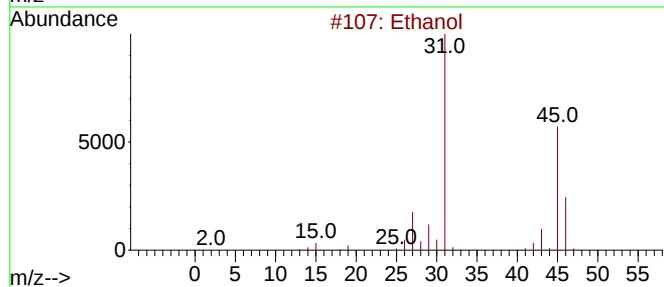
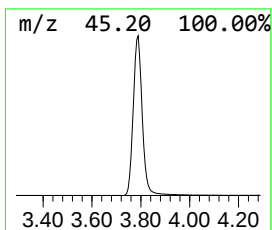
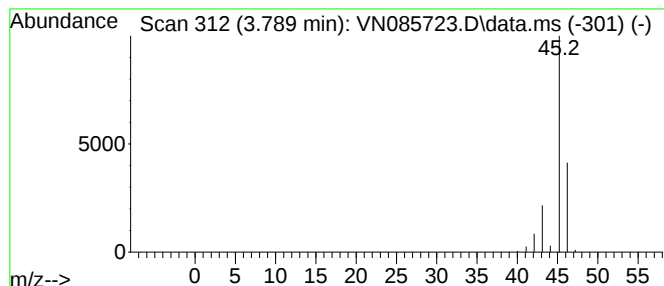
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethanol Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD   | R.T.  |
|-------|-------------|---------|--------------------|-------|
| 3.789 | 208.32 ug/l | 3005710 | Pentafluorobenzene | 8.224 |

| Hit# | of                | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-------------------|---|--------------|----|---------|-------------|------|
| 1    | Ethanol           |   |              | 46 | C2H6O   | 000064-17-5 | 74   |
| 2    | Dimethyl ether    |   |              | 46 | C2H6O   | 000115-10-6 | 9    |
| 3    | Methane, nitroso- |   |              | 45 | CH3NO   | 000865-40-7 | 4    |
| 4    | Formic acid       |   |              | 46 | CH2O2   | 000064-18-6 | 4    |
| 5    | Oxalic acid       |   |              | 90 | C2H2O4  | 000144-62-7 | 4    |



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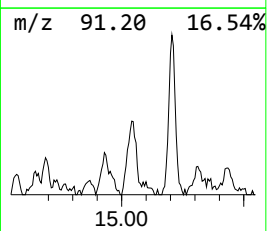
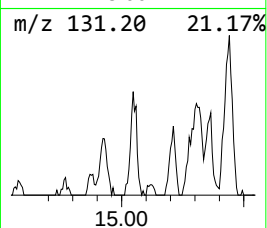
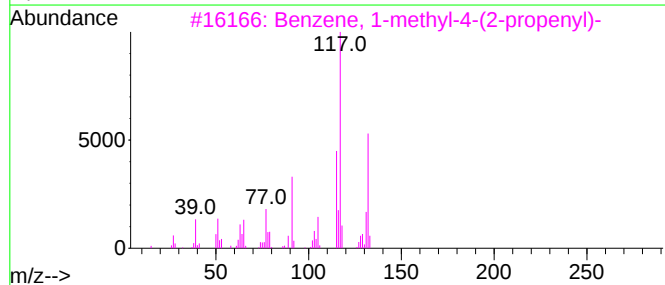
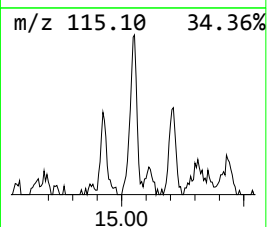
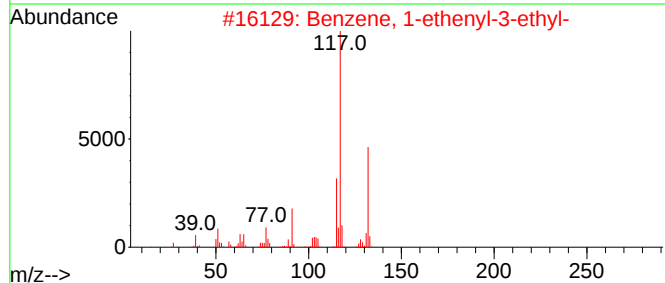
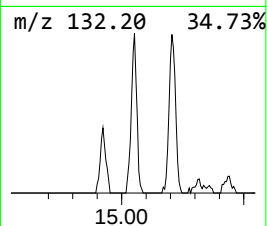
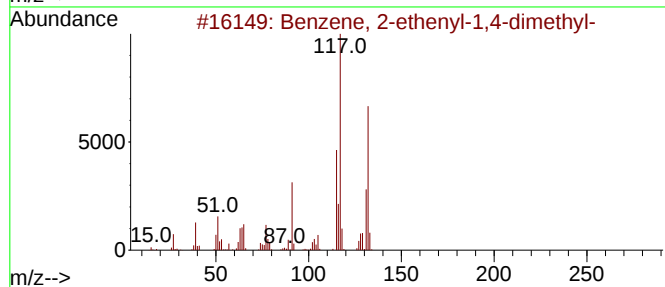
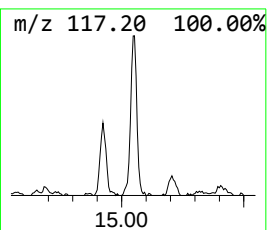
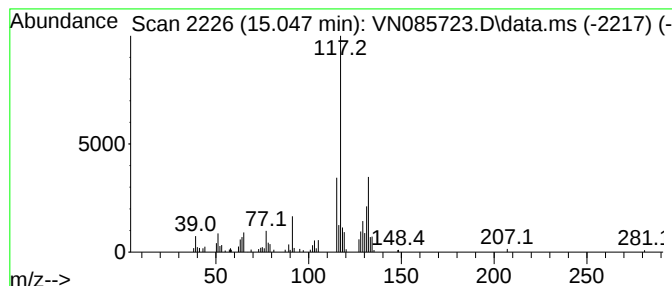
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.047 | 7.32 ug/l | 168028 | 1,4-Dichlorobenzene-d4 | 13.788 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 91   |
| 2    |    |   | Benzene, 1-ethenyl-3-ethyl-       | 132 | C10H12  | 007525-62-4 | 89   |
| 3    |    |   | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 81   |
| 4    |    |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 81   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 81   |



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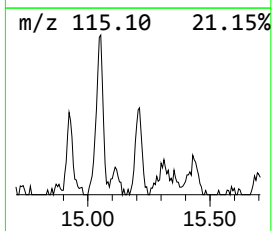
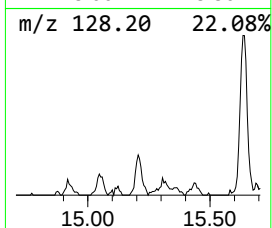
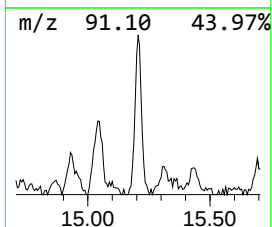
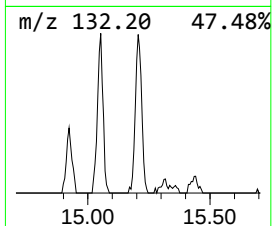
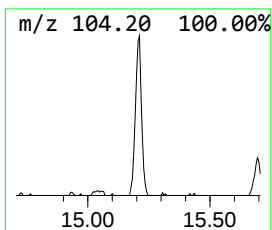
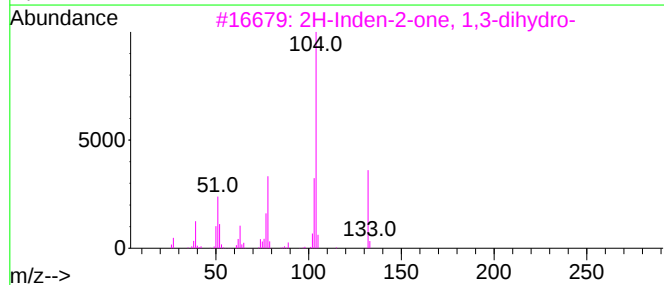
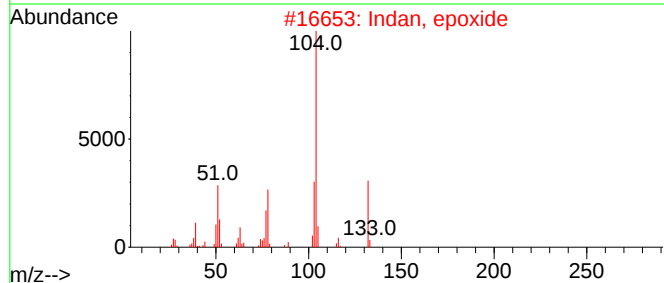
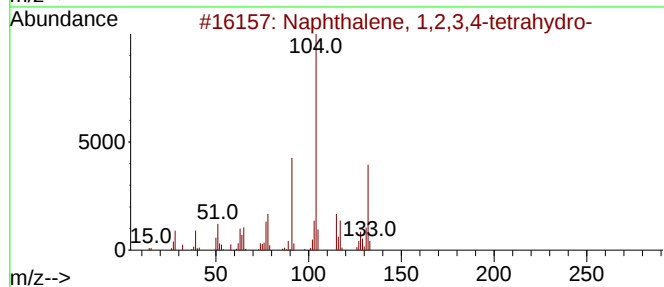
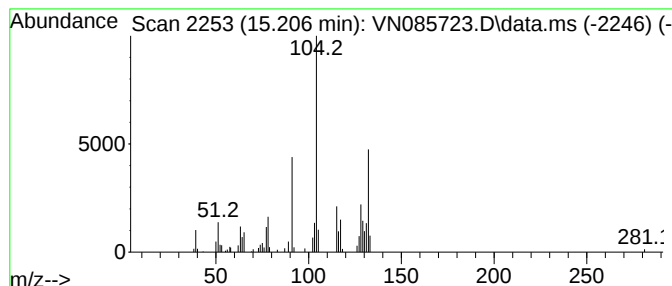
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Quant Title : SW846 8260

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

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Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.206 | 5.52 ug/l | 126666 | 1,4-Dichlorobenzene-d4 | 13.788 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-    | 132 | C10H12   | 000119-64-2 | 93   |
| 2    |    |   | Indan, epoxide                      | 132 | C9H8O    | 000768-22-9 | 53   |
| 3    |    |   | 2H-Inden-2-one, 1,3-dihydro-        | 132 | C9H8O    | 000615-13-4 | 49   |
| 4    |    |   | 1H-Inden-1-one, 2,3-dihydro-        | 132 | C9H8O    | 000083-33-0 | 47   |
| 5    |    |   | 5,5-Dimethyl-4-phenyldihydrofura... | 190 | C12H14O2 | 013133-96-5 | 35   |



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ALS Vial : 9 Sample Multiplier: 1

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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Ethanol            | 3.789  | 208.3   | ug/l  | 3005710  | 1                     | 8.224  | 721411  | 50.0 |
| Benzene, 2-ethe... | 15.047 | 7.3     | ug/l  | 168028   | 4                     | 13.788 | 1147530 | 50.0 |
| Naphthalene, 1,... | 15.206 | 5.5     | ug/l  | 126666   | 4                     | 13.788 | 1147530 | 50.0 |