

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
 Data File : VN077858.D  
 Acq On : 24 May 2023 17:31  
 Operator : JC\MD  
 Sample : 02901-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 50038

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\82N051523W.M  
 Title : SW846 8260

Signal : TIC: VN077858.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         | 2.824       | 141           | 148         | 154          | rVB3     | 28276          | 60983         | 2.74%           | 0.322%        |
| 2         | 4.442       | 416           | 423         | 434          | rBV      | 22552          | 66933         | 3.01%           | 0.354%        |
| 3         | 7.500       | 931           | 943         | 954          | rBV2     | 78895          | 213523        | 9.60%           | 1.128%        |
| 4         | 8.177       | 1046          | 1058        | 1062         | rBV      | 311700         | 727817        | 32.73%          | 3.845%        |
| 5         | 8.236       | 1062          | 1068        | 1079         | rVB      | 549059         | 1225805       | 55.12%          | 6.477%        |
| 6         | 8.588       | 1119          | 1128        | 1139         | rBV      | 314566         | 716764        | 32.23%          | 3.787%        |
| 7         | 9.112       | 1207          | 1217        | 1229         | rBV      | 786421         | 1625179       | 73.08%          | 8.587%        |
| 8         | 9.359       | 1250          | 1259        | 1269         | rBV      | 649425         | 1332109       | 59.90%          | 7.038%        |
| 9         | 10.577      | 1457          | 1466        | 1480         | rBV      | 1172361        | 2223985       | 100.00%         | 11.750%       |
| 10        | 11.871      | 1678          | 1686        | 1698         | rBV      | 1004559        | 1838153       | 82.65%          | 9.712%        |
| 11        | 12.859      | 1845          | 1854        | 1862         | rBV      | 785219         | 1362129       | 61.25%          | 7.197%        |
| 12        | 13.800      | 2006          | 2014        | 2024         | rBV      | 777891         | 1366734       | 61.45%          | 7.221%        |
| 13        | 14.029      | 2049          | 2053        | 2062         | rVB2     | 29613          | 56996         | 2.56%           | 0.301%        |
| 14        | 14.188      | 2074          | 2080        | 2086         | rBV2     | 13939          | 24026         | 1.08%           | 0.127%        |
| 15        | 14.335      | 2101          | 2105        | 2111         | rVB      | 37195          | 59119         | 2.66%           | 0.312%        |
| 16        | 14.447      | 2119          | 2124        | 2130         | rVB4     | 33221          | 56854         | 2.56%           | 0.300%        |
| 17        | 14.582      | 2141          | 2147        | 2152         | rVB2     | 27031          | 40555         | 1.82%           | 0.214%        |
| 18        | 14.659      | 2152          | 2160        | 2163         | rBV2     | 37776          | 70448         | 3.17%           | 0.372%        |
| 19        | 14.700      | 2163          | 2167        | 2171         | rVV      | 51357          | 80616         | 3.62%           | 0.426%        |
| 20        | 14.741      | 2171          | 2174        | 2178         | rVB2     | 27589          | 36370         | 1.64%           | 0.192%        |
| 21        | 14.882      | 2191          | 2198        | 2202         | rBV5     | 25360          | 48953         | 2.20%           | 0.259%        |
| 22        | 14.935      | 2202          | 2207        | 2210         | rVV4     | 40821          | 73665         | 3.31%           | 0.389%        |
| 23        | 14.970      | 2211          | 2213        | 2219         | rVB3     | 36591          | 52052         | 2.34%           | 0.275%        |
| 24        | 15.059      | 2219          | 2228        | 2234         | rBV6     | 159550         | 433434        | 19.49%          | 2.290%        |
| 25        | 15.123      | 2234          | 2239        | 2246         | rVV5     | 36315          | 87856         | 3.95%           | 0.464%        |
| 26        | 15.217      | 2248          | 2255        | 2262         | rBV      | 106845         | 196569        | 8.84%           | 1.039%        |
| 27        | 15.288      | 2262          | 2267        | 2268         | rVV2     | 26193          | 32426         | 1.46%           | 0.171%        |
| 28        | 15.329      | 2268          | 2274        | 2278         | rVV2     | 131349         | 297612        | 13.38%          | 1.572%        |
| 29        | 15.364      | 2278          | 2280        | 2286         | rVV2     | 78941          | 146276        | 6.58%           | 0.773%        |
| 30        | 15.447      | 2286          | 2294        | 2302         | rVB5     | 146353         | 376862        | 16.95%          | 1.991%        |
| 31        | 15.606      | 2314          | 2321        | 2324         | rBV7     | 26656          | 58731         | 2.64%           | 0.310%        |
| 32        | 15.706      | 2330          | 2338        | 2343         | rBV2     | 119493         | 238846        | 10.74%          | 1.262%        |
| 33        | 15.759      | 2343          | 2347        | 2348         | rVV2     | 75046          | 110974        | 4.99%           | 0.586%        |
| 34        | 15.794      | 2349          | 2353        | 2371         | rVB5     | 117445         | 408840        | 18.38%          | 2.160%        |
| 35        | 15.953      | 2372          | 2380        | 2387         | rBV2     | 124836         | 280045        | 12.59%          | 1.480%        |
| 36        | 16.141      | 2399          | 2412        | 2413         | rVV4     | 143023         | 351132        | 15.79%          | 1.855%        |

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Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

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\82N051523W.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 16.176 | 2413 | 2418 | 2428 | rVV  | 291872 | 687106 | 30.90% | 3.630% |
| 38 | 16.264 | 2428 | 2433 | 2439 | rVV4 | 60355  | 138770 | 6.24%  | 0.733% |
| 39 | 16.353 | 2439 | 2448 | 2463 | rVB3 | 131337 | 465699 | 20.94% | 2.461% |
| 40 | 16.511 | 2463 | 2475 | 2484 | rBV2 | 292767 | 752828 | 33.85% | 3.978% |
| 41 | 16.717 | 2498 | 2510 | 2517 | rBV3 | 187257 | 502988 | 22.62% | 2.658% |

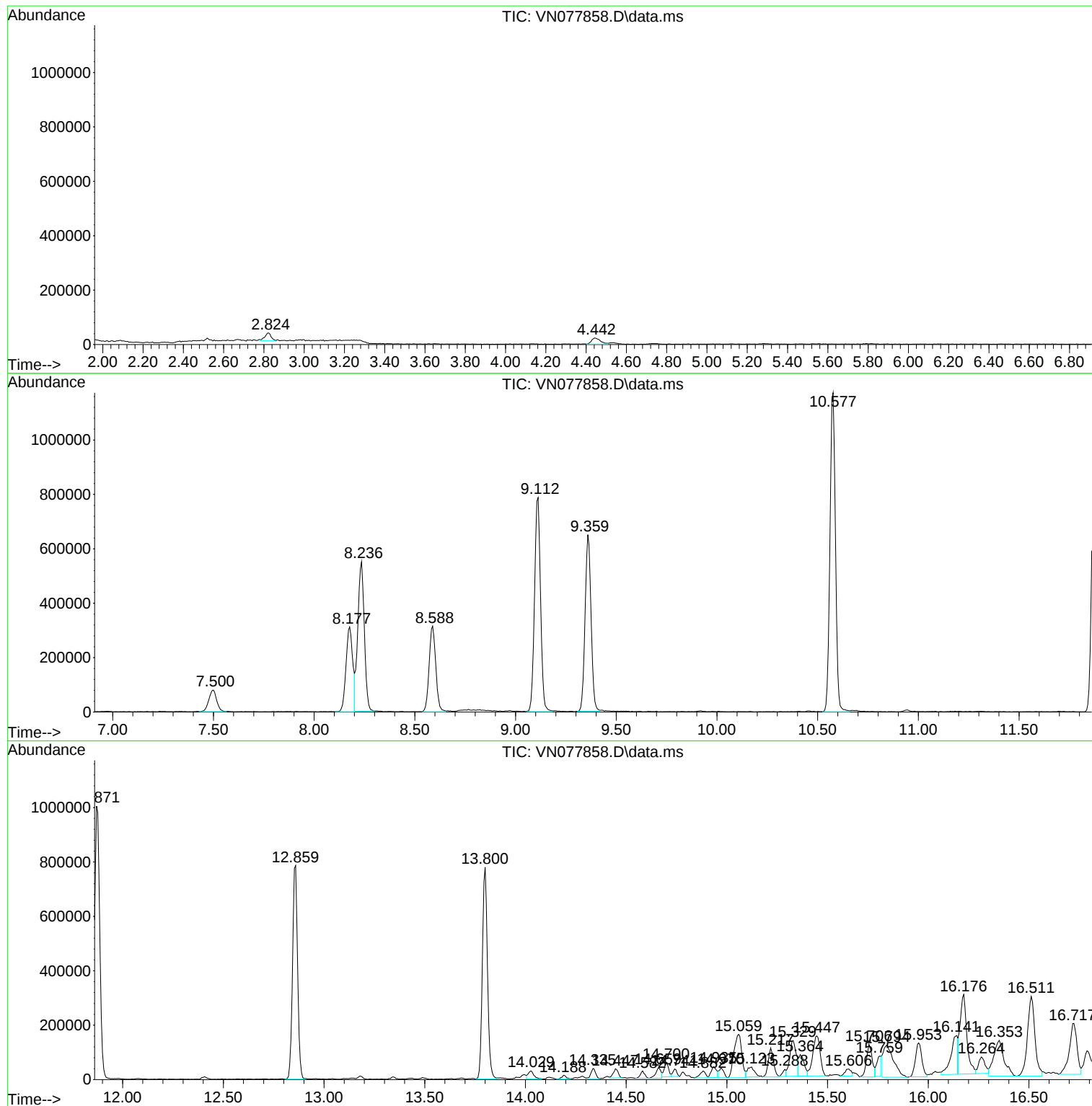
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

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



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

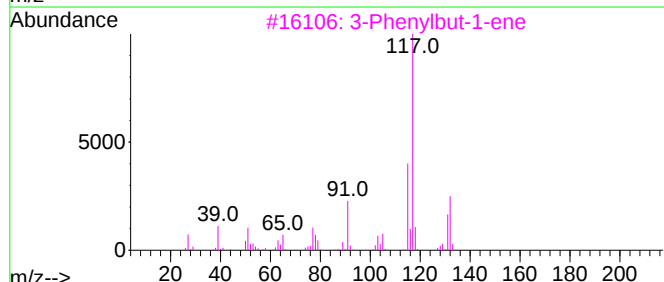
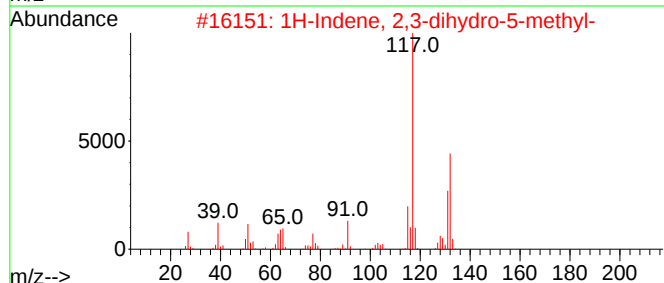
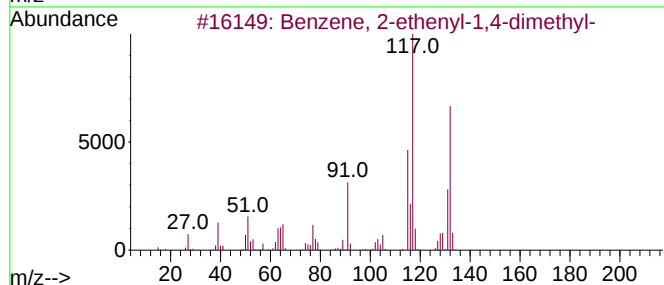
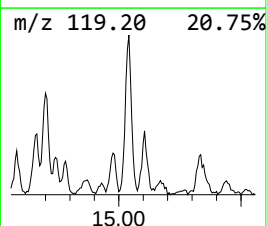
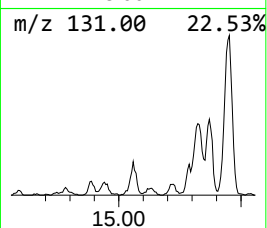
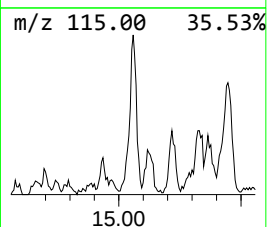
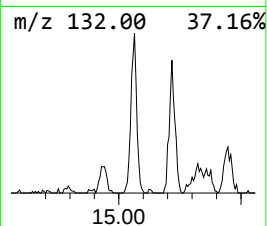
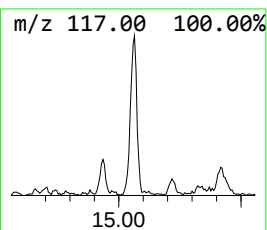
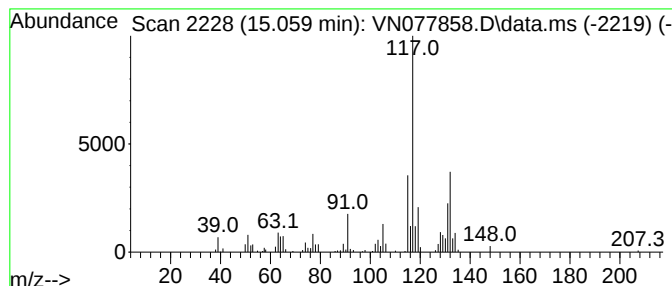
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.059 | 15.86 ug/l | 433434 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 95   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 93   |
| 3    |    |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 81   |
| 4    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 76   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4-methyl-  | 132 | C10H12  | 000824-22-6 | 76   |



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Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

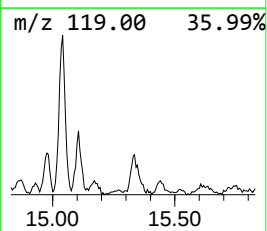
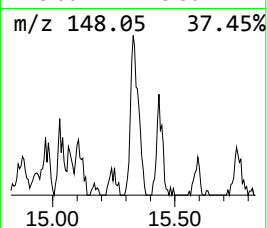
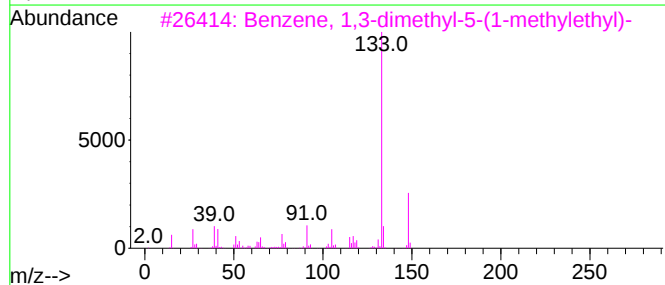
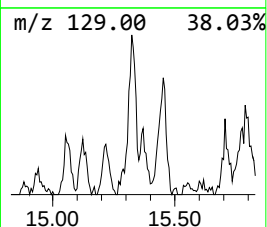
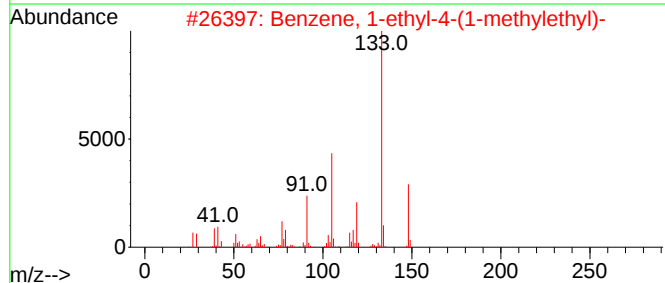
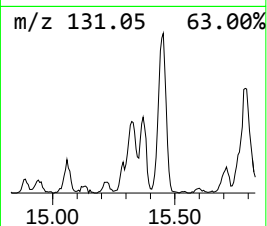
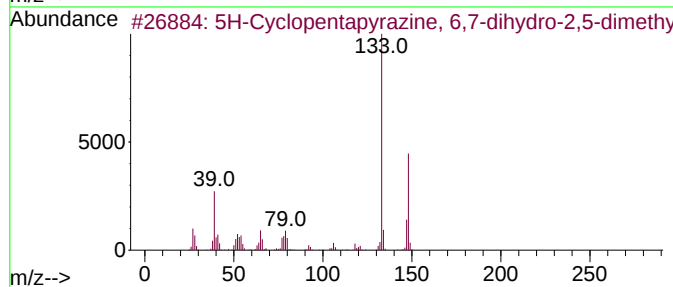
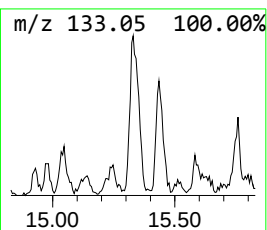
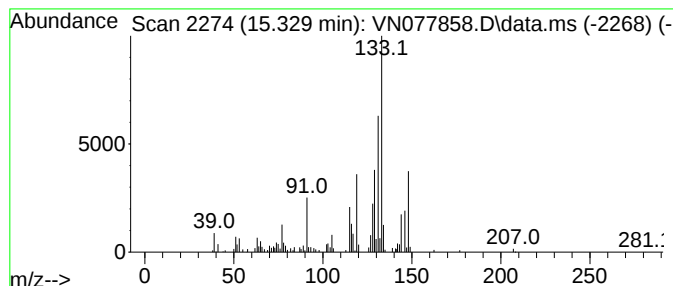
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

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

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Peak Number 2 unknown15.329 Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.329 | 10.89 ug/l | 297612 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 5H-Cyclopentapyrazine, 6,7-dihyd... | 148 | C9H12N2 | 038917-61-2 | 38   |
| 2    |    |   | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16  | 004218-48-8 | 38   |
| 3    |    |   | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16  | 004706-90-5 | 35   |
| 4    |    |   | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16  | 134329-46-7 | 35   |
| 5    |    |   | Ethanone, 1-(4-ethylphenyl)-        | 148 | C10H12O | 000937-30-4 | 30   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

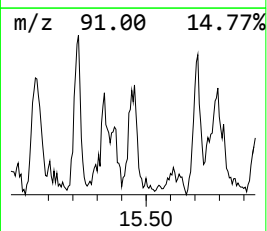
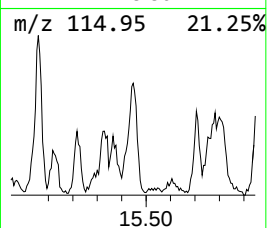
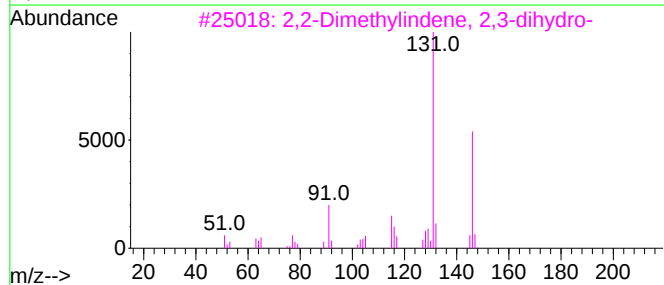
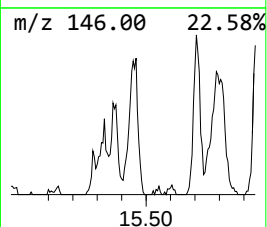
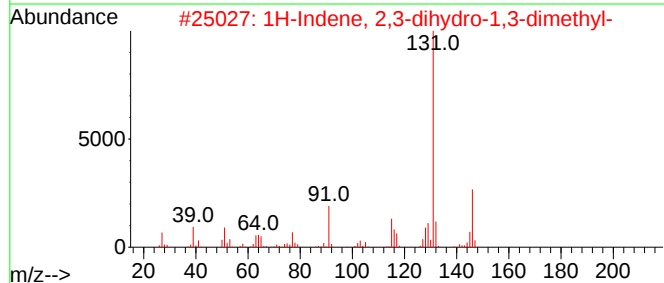
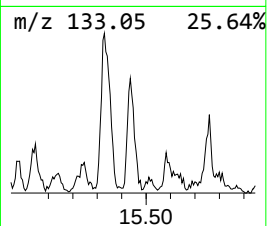
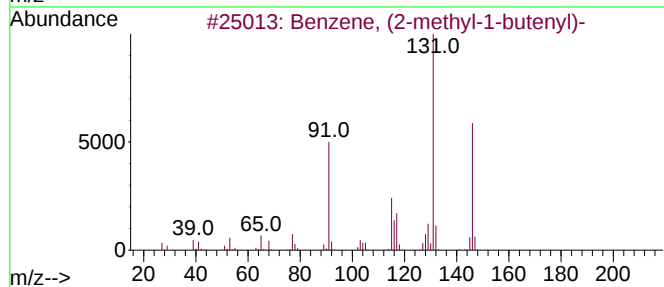
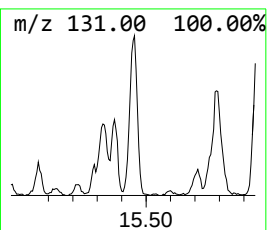
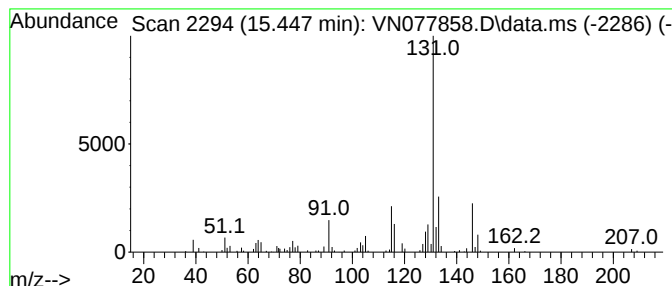
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.447 | 13.79 ug/l | 376862 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 91   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 91   |
| 3    |    |   | 2,2-Dimethylindene, 2,3-dihydro-    | 146 | C11H14  | 020836-11-7 | 87   |
| 4    |    |   | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14  | 097664-19-2 | 81   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14  | 052161-57-6 | 81   |



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ALS Vial : 5 Sample Multiplier: 1

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MSVOA\_N  
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Quant Title : SW846 8260

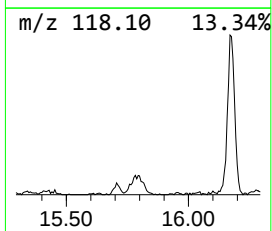
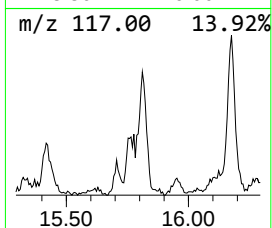
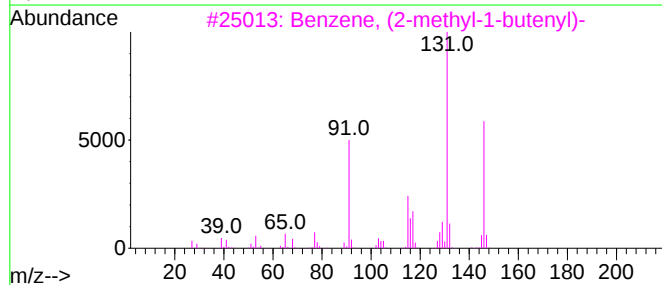
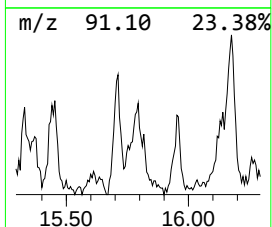
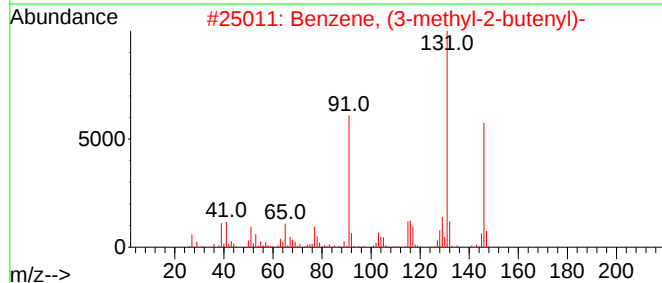
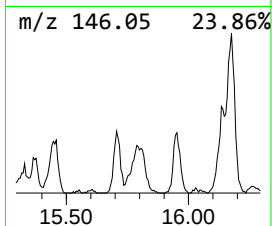
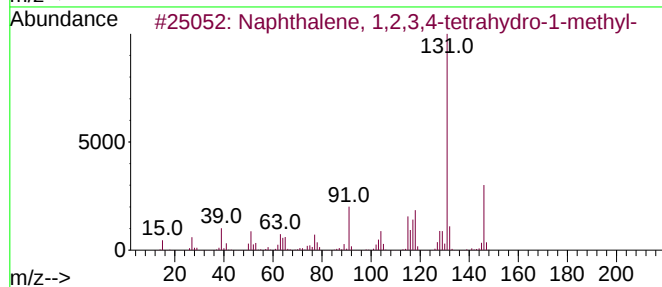
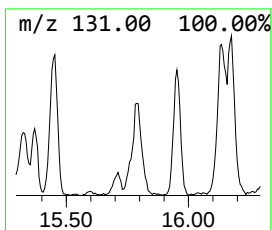
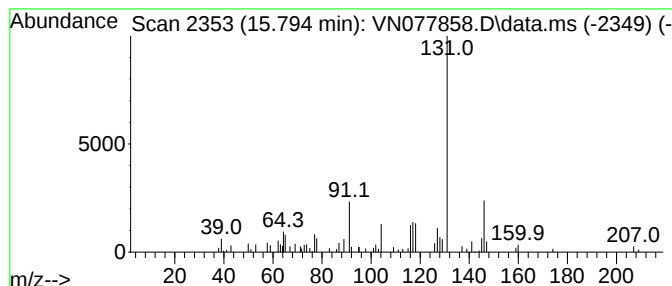
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.794 | 14.96 ug/l | 408840 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001559-81-5 | 91   |
| 2    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 64   |
| 3    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 59   |
| 4    |    |   | 1H-Benzimidazole, 1-ethyl-          | 146 | C9H10N2 | 007035-68-9 | 59   |
| 5    |    |   | Ethyl-2-benzofuran                  | 146 | C10H10O | 003131-63-3 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
Data File : VN077858.D  
Acq On : 24 May 2023 17:31  
Operator : JC\MD  
Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

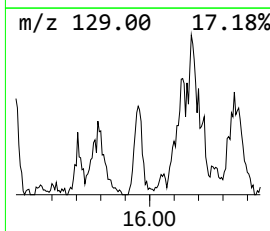
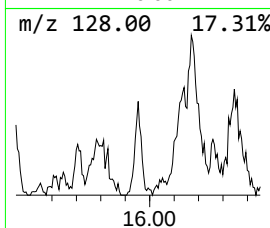
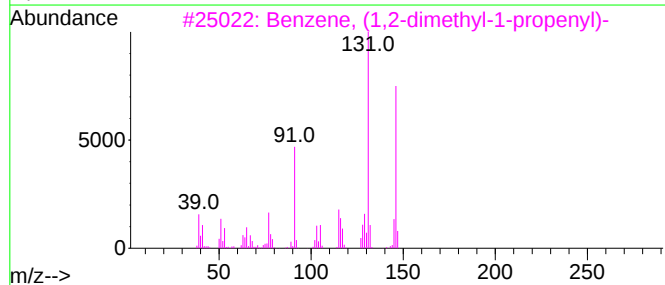
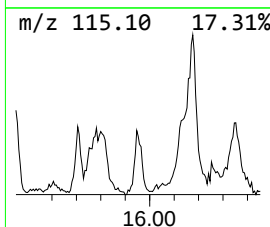
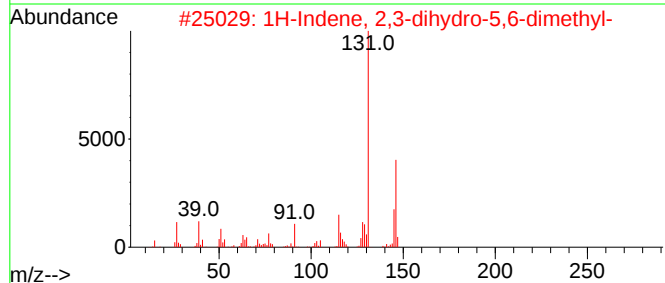
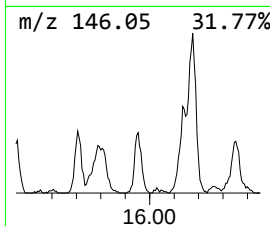
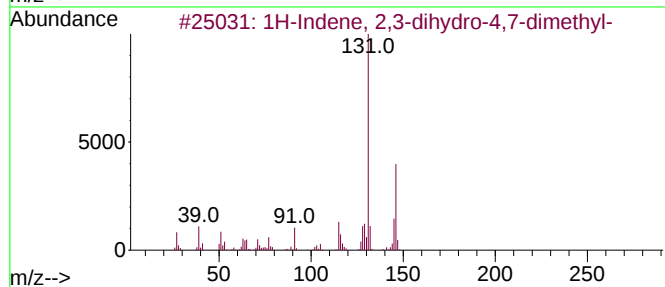
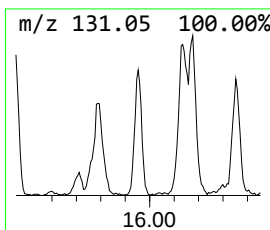
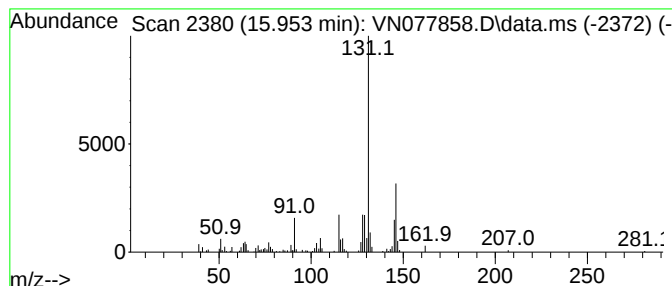
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.953 | 10.24 ug/l | 280045 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 95   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14  | 001075-22-5 | 94   |
| 3    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 94   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146 | C11H14  | 001685-82-1 | 93   |
| 5    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
Data File : VN077858.D  
Acq On : 24 May 2023 17:31  
Operator : JC\MD  
Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

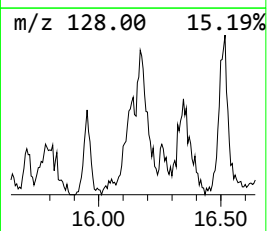
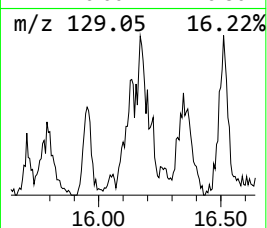
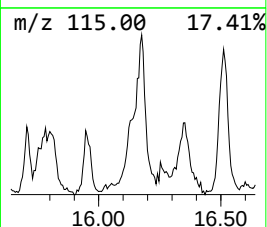
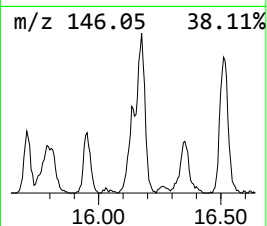
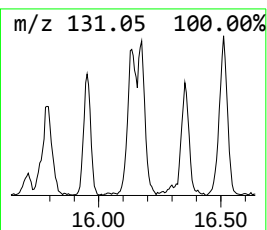
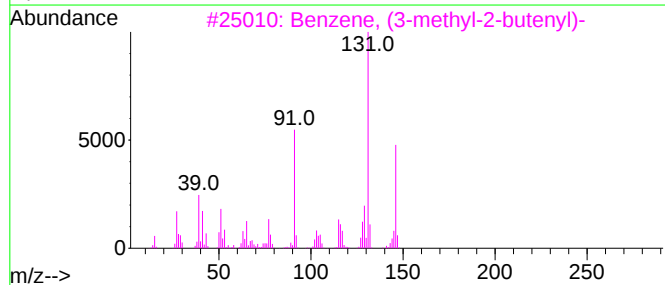
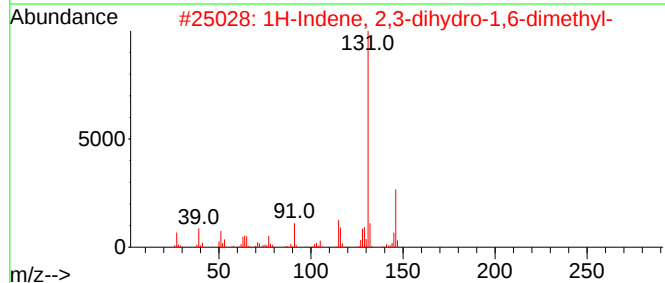
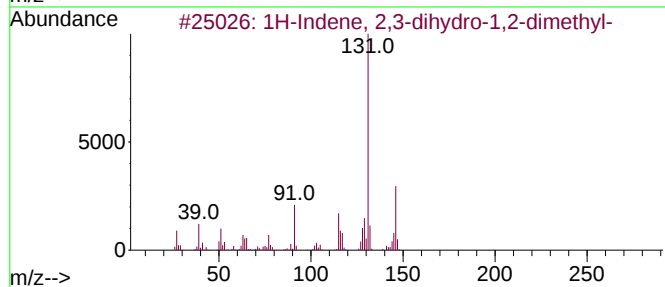
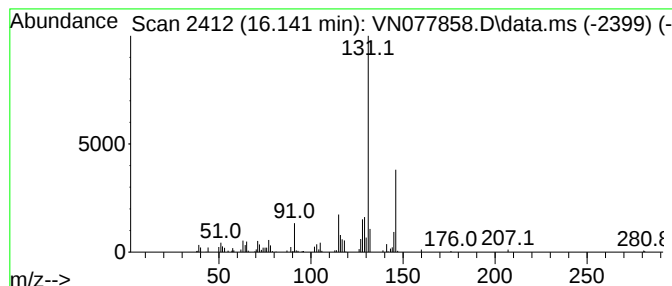
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.141 | 12.85 ug/l | 351132 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 94   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 91   |
| 3    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 91   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 91   |
| 5    |    |   | 2,2-Dimethylindene, 2,3-dihydro-    | 146 | C11H14  | 020836-11-7 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
Data File : VN077858.D  
Acq On : 24 May 2023 17:31  
Operator : JC\MD  
Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

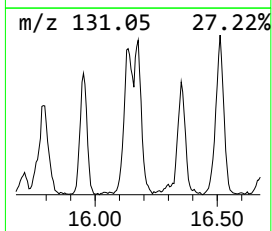
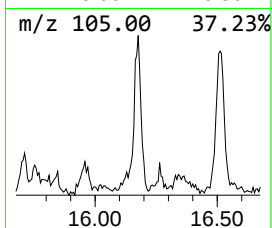
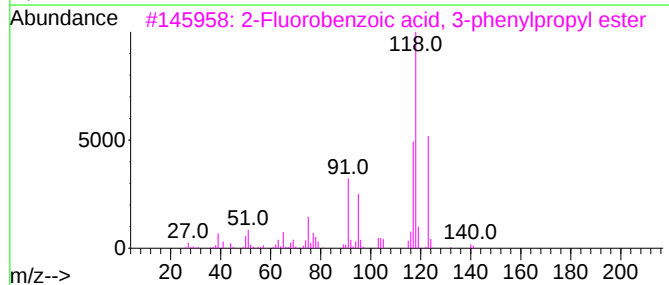
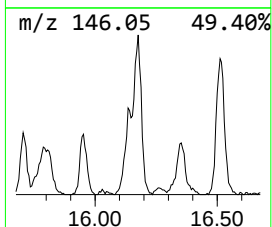
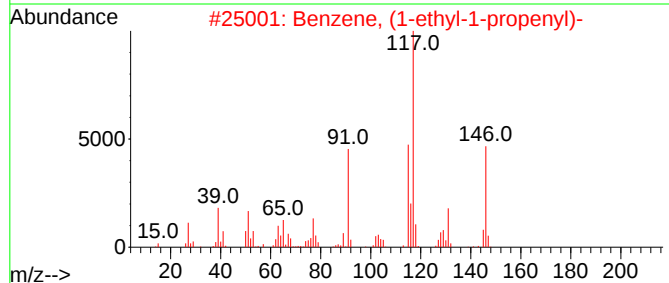
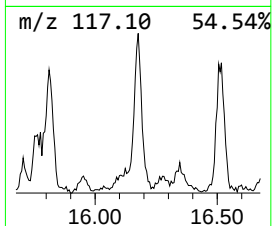
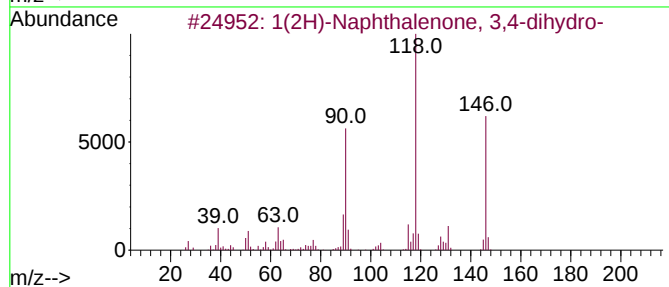
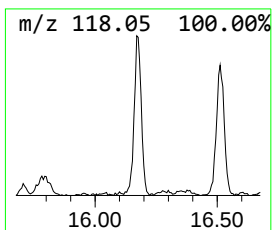
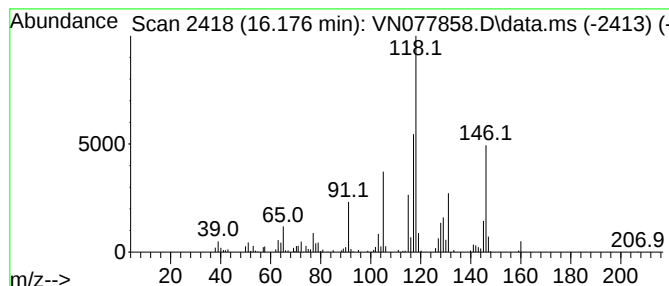
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.176 | 25.14 ug/l | 687106 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1(2H)-Naphthalenone, 3,4-dihydro-   | 146 | C10H10O   | 000529-34-0  | 47   |
| 2    |    |   | Benzene, (1-ethyl-1-propenyl)-      | 146 | C11H14    | 004701-36-4  | 45   |
| 3    |    |   | 2-Fluorobenzoic acid, 3-phenylpr... | 258 | C16H15FO2 | 1000278-98-4 | 38   |
| 4    |    |   | Cyclopropanecarboxylic acid, 3-p... | 204 | C13H16O2  | 1000245-59-5 | 38   |
| 5    |    |   | 2-Phenylpropyl butyrate             | 206 | C13H18O2  | 080866-83-7  | 27   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
Data File : VN077858.D  
Acq On : 24 May 2023 17:31  
Operator : JC\MD  
Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

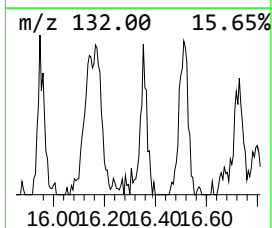
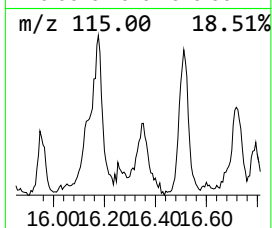
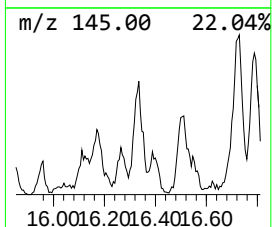
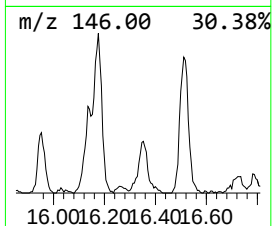
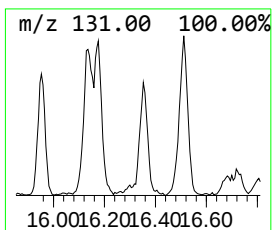
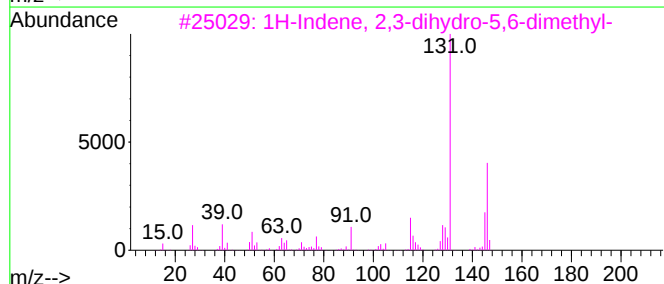
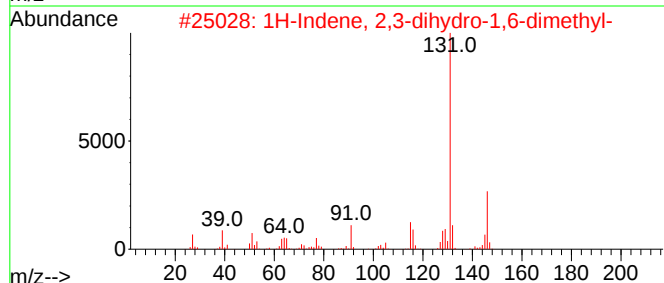
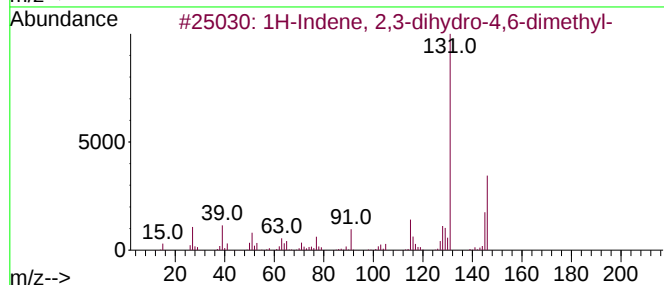
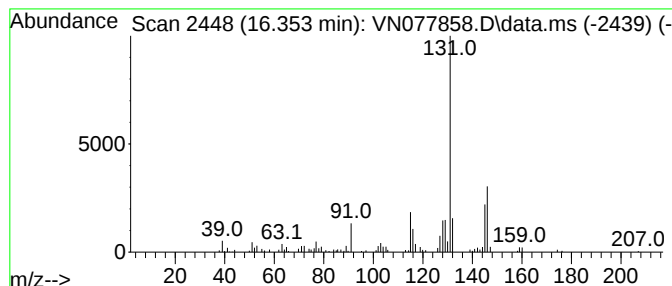
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Quant Title : SW846 8260

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

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Peak Number 8 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         |             | R.T.   |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|--------|
| 16.353    | 17.04 ug/l                          | 465699 | 1,4-Dichlorobenzene-d4 |         |             | 13.800 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#        | Qual   |
| 1         | 1H-Indene, 2,3-dihydro-4,6-dimet... |        | 146                    | C11H14  | 001685-82-1 | 90     |
| 2         | 1H-Indene, 2,3-dihydro-1,6-dimet... |        | 146                    | C11H14  | 017059-48-2 | 90     |
| 3         | 1H-Indene, 2,3-dihydro-5,6-dimet... |        | 146                    | C11H14  | 001075-22-5 | 87     |
| 4         | 1H-Indene, 2,3-dihydro-4,7-dimet... |        | 146                    | C11H14  | 006682-71-9 | 87     |
| 5         | 1H-Indene, 2,3-dihydro-1,3-dimet... |        | 146                    | C11H14  | 004175-53-5 | 83     |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
Data File : VN077858.D  
Acq On : 24 May 2023 17:31  
Operator : JC\MD  
Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

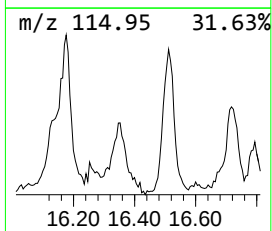
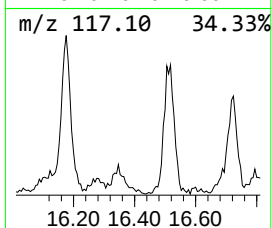
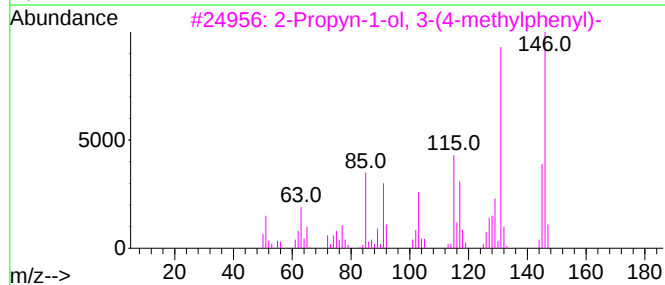
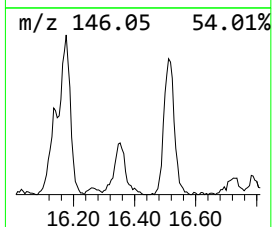
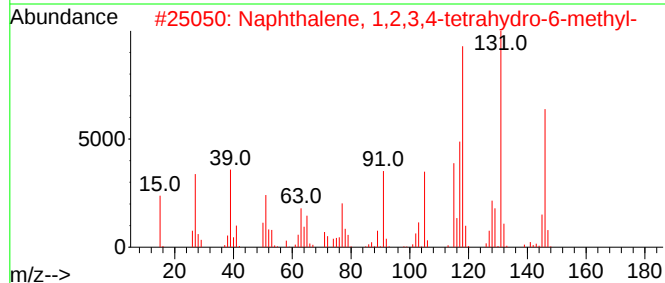
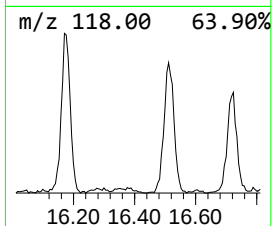
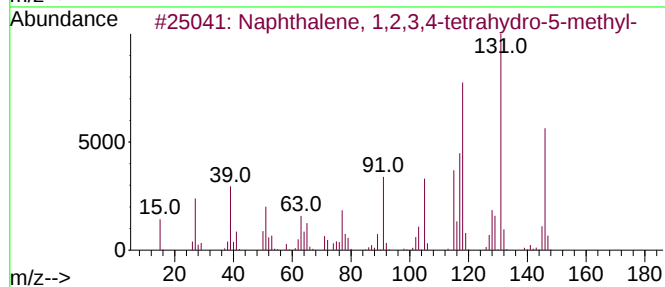
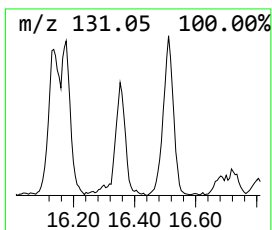
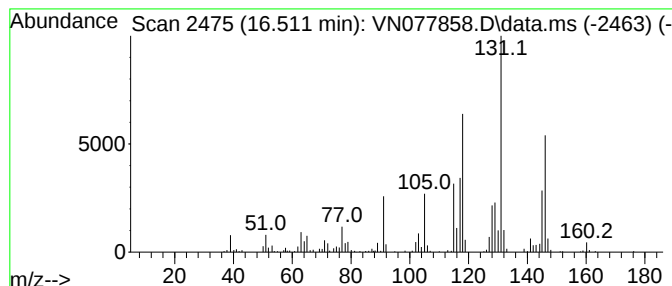
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Quant Title : SW846 8260

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

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Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         |             | R.T.   |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|--------|
| 16.511    | 27.54 ug/l                          | 752828 | 1,4-Dichlorobenzene-d4 |         |             | 13.800 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#        | Qual   |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... |        | 146                    | C11H14  | 002809-64-5 | 90     |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... |        | 146                    | C11H14  | 001680-51-9 | 81     |
| 3         | 2-Propyn-1-ol, 3-(4-methylphenyl)-  |        | 146                    | C10H10O | 016017-24-6 | 76     |
| 4         | Benzene, (1,2-dimethyl-1-propenyl)- |        | 146                    | C11H14  | 000769-57-3 | 64     |
| 5         | Benzene, (3-methyl-2-butenyl)-      |        | 146                    | C11H14  | 004489-84-3 | 64     |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
Data File : VN077858.D  
Acq On : 24 May 2023 17:31  
Operator : JC\MD  
Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

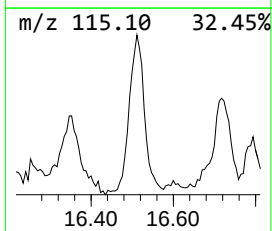
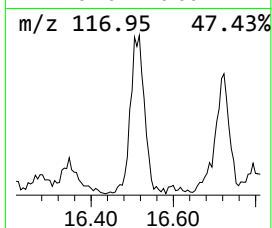
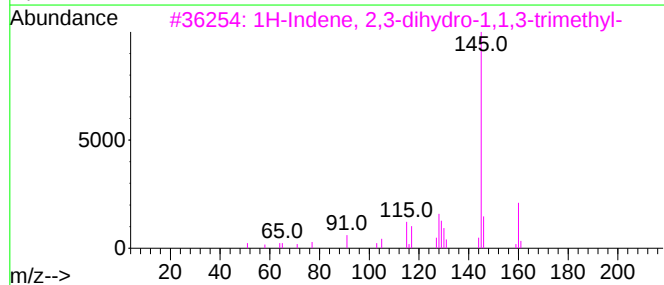
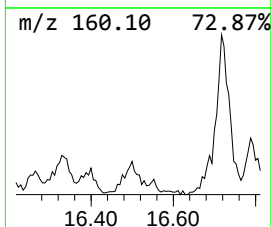
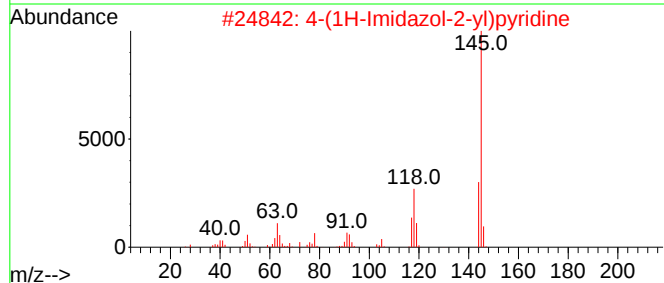
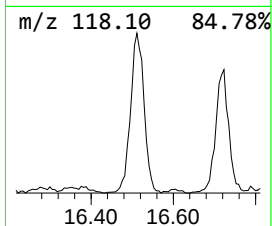
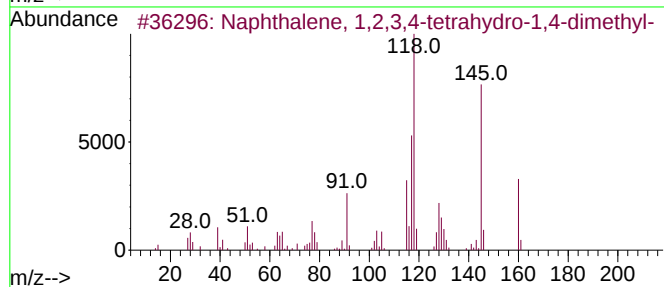
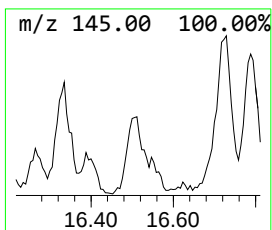
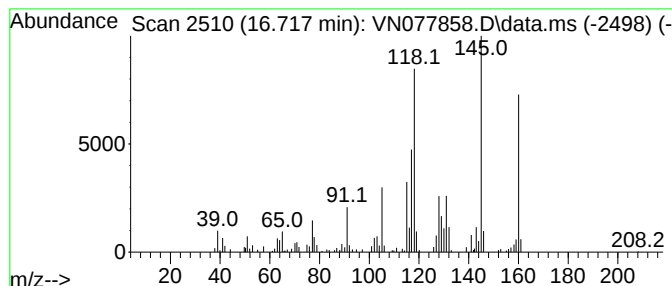
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.717 | 18.40 ug/l | 502988 | 1,4-Dichlorobenzene-d4 | 13.800 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 93   |
| 2    |    |   | 4-(1H-Imidazol-2-yl)pyridine        | 145 | C8H7N3  | 021202-42-6 | 64   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 55   |
| 4    |    |   | Benzene, 1-(1-methylethenyl)-2-(... | 160 | C12H16  | 005557-93-7 | 53   |
| 5    |    |   | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16  | 001129-29-9 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
Data File : VN077858.D  
Acq On : 24 May 2023 17:31  
Operator : JC\MD  
Sample : 02901-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
50038

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzene, 2-ethe... | 15.059 | 15.9    | ug/l  | 433434   | 4                     | 13.800 | 1366730 | 50.0 |
| unknown15.329      | 15.329 | 10.9    | ug/l  | 297612   | 4                     | 13.800 | 1366730 | 50.0 |
| Benzene, (2-met... | 15.447 | 13.8    | ug/l  | 376862   | 4                     | 13.800 | 1366730 | 50.0 |
| Naphthalene, 1,... | 15.794 | 15.0    | ug/l  | 408840   | 4                     | 13.800 | 1366730 | 50.0 |
| 1H-Indene, 2,3-... | 15.953 | 10.2    | ug/l  | 280045   | 4                     | 13.800 | 1366730 | 50.0 |
| 1H-Indene, 2,3-... | 16.141 | 12.9    | ug/l  | 351132   | 4                     | 13.800 | 1366730 | 50.0 |
| 1(2H)-Naphthale... | 16.176 | 25.1    | ug/l  | 687106   | 4                     | 13.800 | 1366730 | 50.0 |
| 1H-Indene, 2,3-... | 16.353 | 17.0    | ug/l  | 465699   | 4                     | 13.800 | 1366730 | 50.0 |
| Naphthalene, 1,... | 16.511 | 27.5    | ug/l  | 752828   | 4                     | 13.800 | 1366730 | 50.0 |
| Naphthalene, 1,... | 16.717 | 18.4    | ug/l  | 502988   | 4                     | 13.800 | 1366730 | 50.0 |