

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092922\  
 Data File : VX031798.D  
 Acq On : 30 Sep 2022 04:34  
 Operator : JC/MD  
 Sample : N4864-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-7

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\_X\Method\82X092622W.M  
 Title : SW846 8260

Signal : TIC: VX031798.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         | 1.746       | 104           | 108         | 113          | rBV2     | 4660           | 6389          | 1.14%           | 0.176%        |
| 2         | 2.782       | 269           | 278         | 282          | rBV3     | 5166           | 11111         | 1.98%           | 0.306%        |
| 3         | 2.941       | 295           | 304         | 315          | rVB      | 5638           | 13574         | 2.42%           | 0.373%        |
| 4         | 3.099       | 323           | 330         | 338          | rVB4     | 3563           | 8391          | 1.50%           | 0.231%        |
| 5         | 5.385       | 693           | 705         | 718          | rBV      | 72153          | 209464        | 37.40%          | 5.760%        |
| 6         | 5.550       | 721           | 732         | 753          | rVB      | 72008          | 207391        | 37.03%          | 5.703%        |
| 7         | 5.952       | 789           | 798         | 810          | rBV      | 73394          | 193877        | 34.62%          | 5.331%        |
| 8         | 6.251       | 839           | 847         | 854          | rVB3     | 2889           | 8168          | 1.46%           | 0.225%        |
| 9         | 6.763       | 920           | 931         | 943          | rBV      | 98928          | 239210        | 42.71%          | 6.578%        |
| 10        | 8.104       | 1144          | 1151        | 1161         | rBV4     | 4678           | 9780          | 1.75%           | 0.269%        |
| 11        | 8.647       | 1230          | 1240        | 1250         | rBV      | 349124         | 560079        | 100.00%         | 15.401%       |
| 12        | 10.055      | 1465          | 1471        | 1479         | rBV      | 253810         | 338301        | 60.40%          | 9.303%        |
| 13        | 10.195      | 1489          | 1494        | 1501         | rVB      | 28169          | 34840         | 6.22%           | 0.958%        |
| 14        | 10.963      | 1615          | 1620        | 1628         | rVB      | 20996          | 26298         | 4.70%           | 0.723%        |
| 15        | 11.079      | 1634          | 1639        | 1650         | rBV      | 301371         | 382692        | 68.33%          | 10.523%       |
| 16        | 11.305      | 1671          | 1676        | 1684         | rVB      | 21793          | 26149         | 4.67%           | 0.719%        |
| 17        | 11.616      | 1723          | 1727        | 1731         | rBV      | 5781           | 7092          | 1.27%           | 0.195%        |
| 18        | 11.890      | 1770          | 1772        | 1778         | rVB      | 6042           | 6469          | 1.16%           | 0.178%        |
| 19        | 12.024      | 1788          | 1794        | 1802         | rBV      | 366003         | 457927        | 81.76%          | 12.592%       |
| 20        | 12.244      | 1825          | 1830        | 1836         | rBV2     | 121083         | 146839        | 26.22%          | 4.038%        |
| 21        | 12.311      | 1836          | 1841        | 1849         | rVB2     | 10069          | 14761         | 2.64%           | 0.406%        |
| 22        | 12.402      | 1851          | 1856        | 1861         | rBV      | 7007           | 8456          | 1.51%           | 0.233%        |
| 23        | 12.610      | 1886          | 1890        | 1893         | rBV      | 21939          | 26879         | 4.80%           | 0.739%        |
| 24        | 12.646      | 1893          | 1896        | 1900         | rVV      | 13476          | 15417         | 2.75%           | 0.424%        |
| 25        | 12.701      | 1900          | 1905        | 1912         | rVV2     | 44888          | 60555         | 10.81%          | 1.665%        |
| 26        | 12.920      | 1932          | 1941        | 1947         | rBV      | 29995          | 36775         | 6.57%           | 1.011%        |
| 27        | 13.030      | 1954          | 1959        | 1964         | rVB2     | 6003           | 7624          | 1.36%           | 0.210%        |
| 28        | 13.170      | 1978          | 1982        | 1991         | rVB2     | 16077          | 23758         | 4.24%           | 0.653%        |
| 29        | 13.292      | 1997          | 2002        | 2008         | rBV      | 136346         | 174679        | 31.19%          | 4.803%        |
| 30        | 13.426      | 2019          | 2024        | 2028         | rVB      | 13884          | 18395         | 3.28%           | 0.506%        |
| 31        | 13.542      | 2039          | 2043        | 2046         | rBV2     | 5471           | 6487          | 1.16%           | 0.178%        |
| 32        | 13.585      | 2046          | 2050        | 2053         | rVV3     | 10957          | 14107         | 2.52%           | 0.388%        |
| 33        | 13.640      | 2053          | 2059        | 2060         | rVV3     | 11447          | 14808         | 2.64%           | 0.407%        |
| 34        | 13.664      | 2060          | 2063        | 2070         | rVB      | 20711          | 27101         | 4.84%           | 0.745%        |
| 35        | 13.774      | 2073          | 2081        | 2091         | rBV      | 138980         | 170666        | 30.47%          | 4.693%        |
| 36        | 13.920      | 2100          | 2105        | 2110         | rBV3     | 4869           | 6524          | 1.16%           | 0.179%        |

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Sample : N4864-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

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\_X\Method\82X092622W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 13.969 | 2110 | 2113 | 2117 | rVB2 | 6572  | 7338  | 1.31% | 0.202% |
| 38 | 14.073 | 2127 | 2130 | 2136 | rVB  | 8095  | 9856  | 1.76% | 0.271% |
| 39 | 14.213 | 2148 | 2153 | 2158 | rBV2 | 7343  | 10331 | 1.84% | 0.284% |
| 40 | 14.597 | 2211 | 2216 | 2219 | rBV2 | 5802  | 7234  | 1.29% | 0.199% |
| 41 | 14.640 | 2219 | 2223 | 2232 | rVB  | 19621 | 25668 | 4.58% | 0.706% |
| 42 | 14.780 | 2241 | 2246 | 2253 | rVB  | 43784 | 55127 | 9.84% | 1.516% |

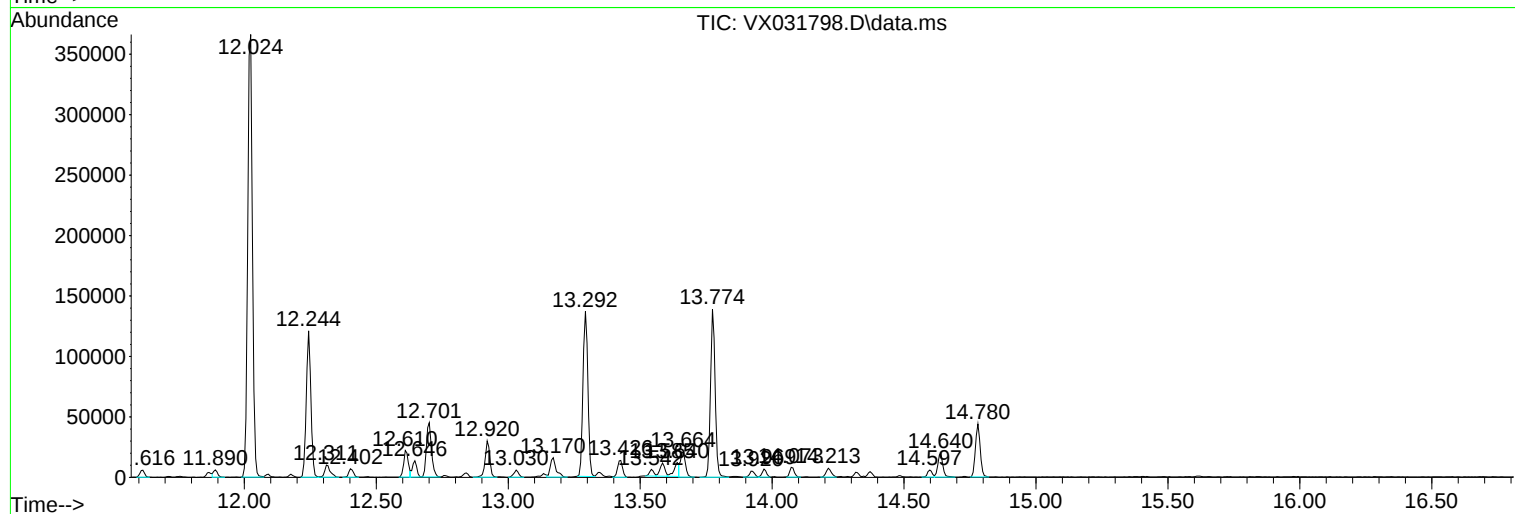
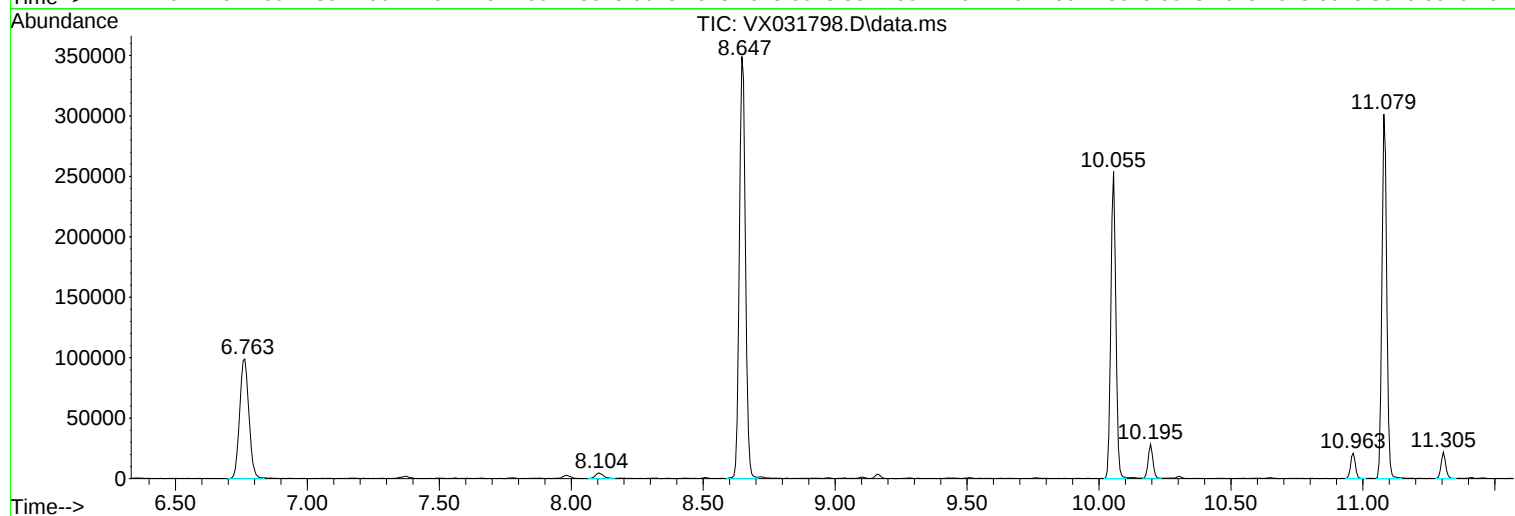
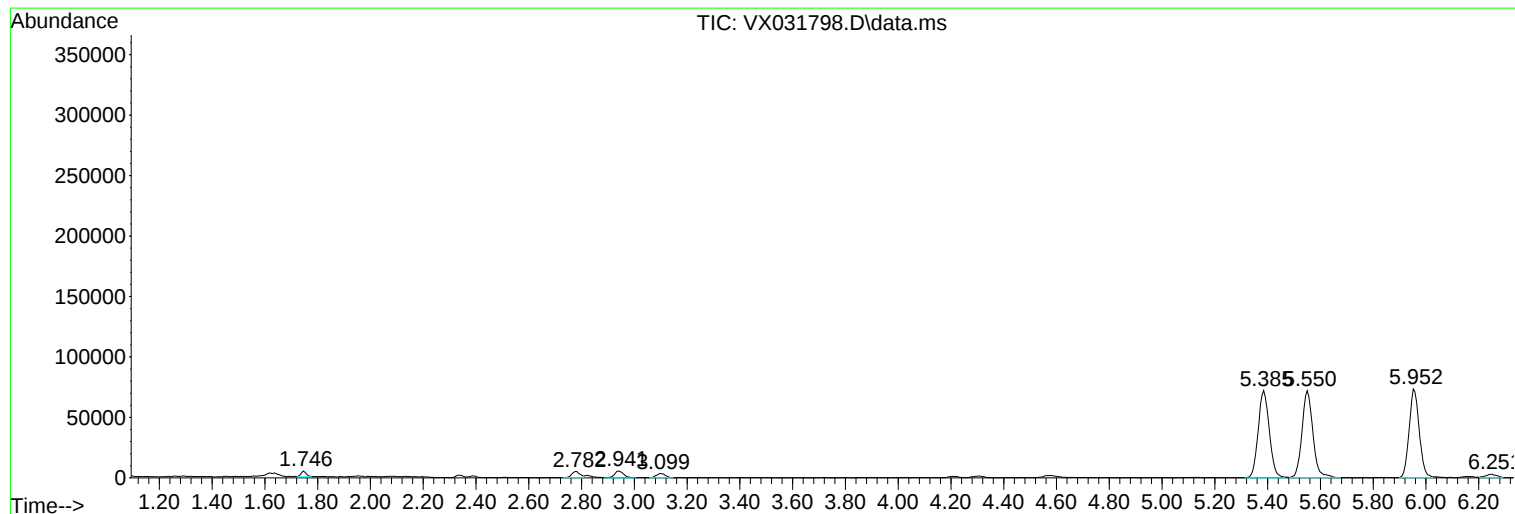
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ClientSampleId :  
MW-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260

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



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Operator : JC/MD  
Sample : N4864-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260

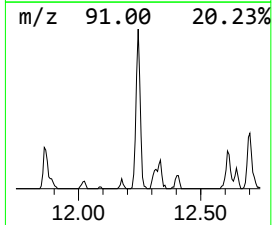
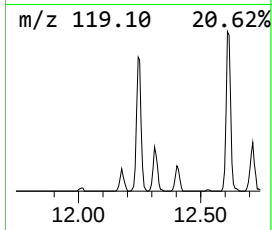
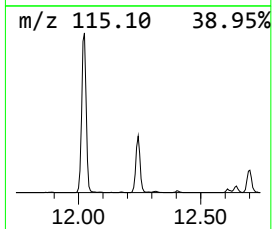
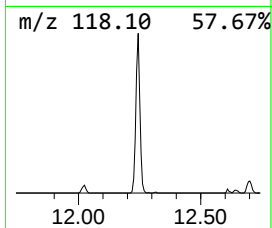
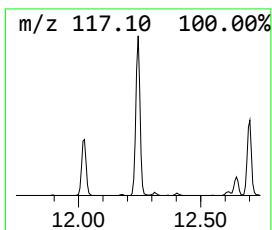
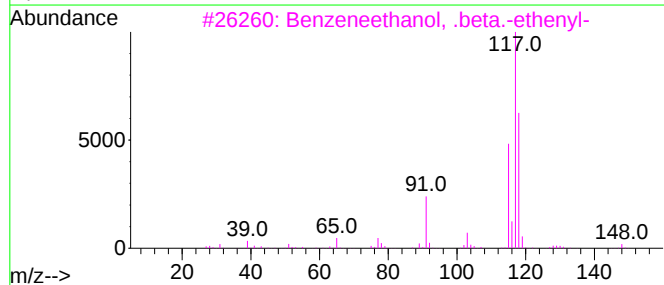
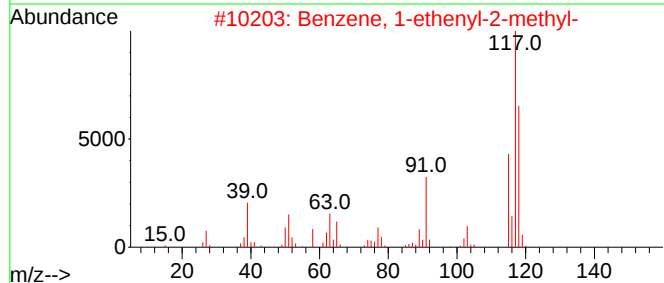
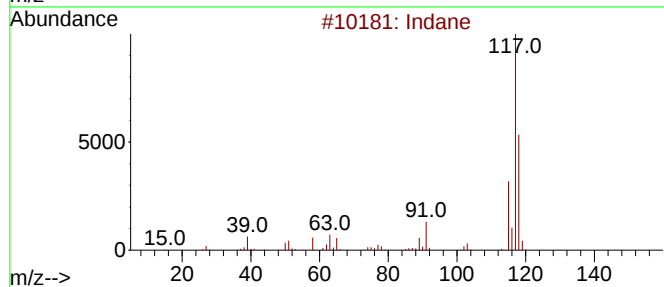
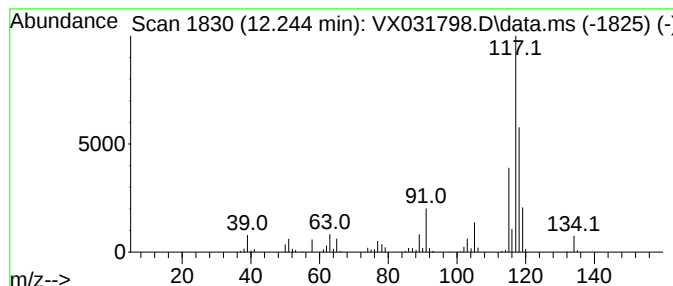
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Indane Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.244 | 16.03 ug/l | 146839 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7 | 91   |
| 2    |    |   | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4 | 64   |
| 3    |    |   | Benzeneethanol, .beta.-ethenyl-     | 148 | C10H12O | 006052-63-7 | 64   |
| 4    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4 | 60   |
| 5    |    |   | Benzene, 1,1'-(1-ethenyl-1,3-pro... | 222 | C17H18  | 061141-97-7 | 59   |



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Instrument :  
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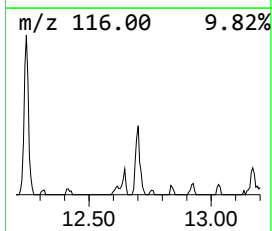
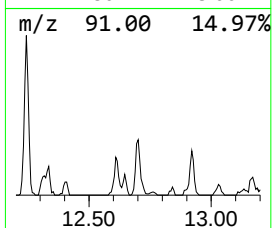
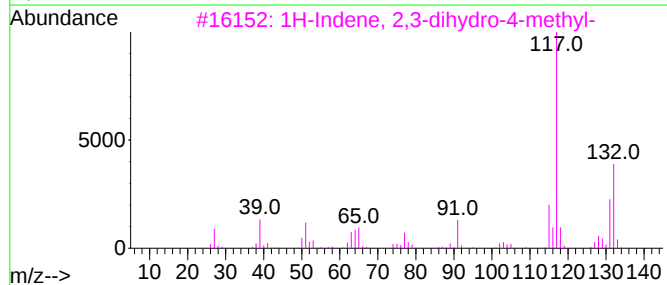
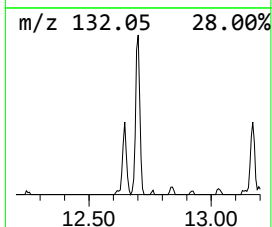
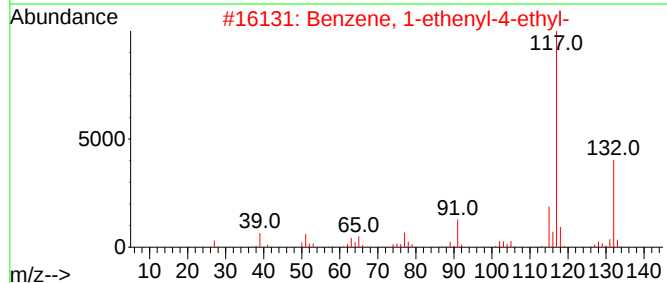
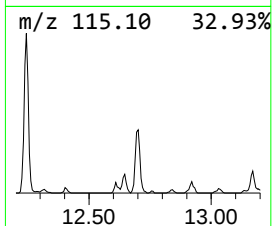
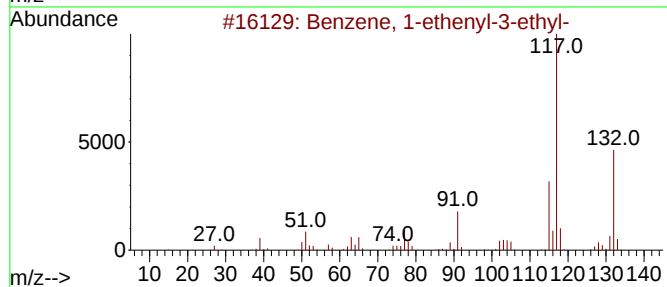
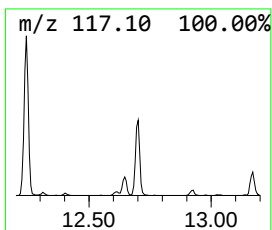
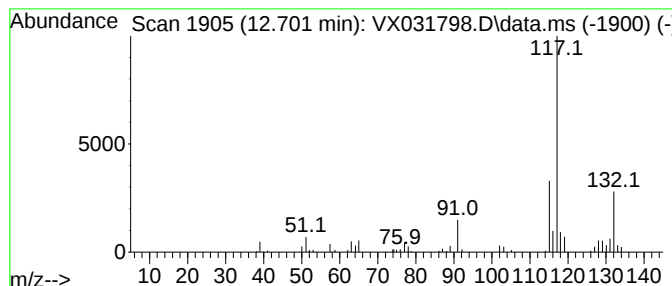
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.701 | 6.61 ug/l | 60555 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 87   |
| 2    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 87   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 86   |
| 4    |    |   | Benzene, 2-butenyl-              | 132 | C10H12  | 001560-06-1 | 80   |
| 5    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 80   |



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ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260

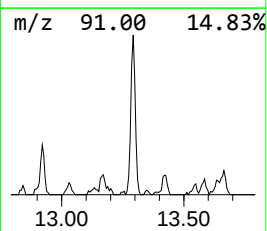
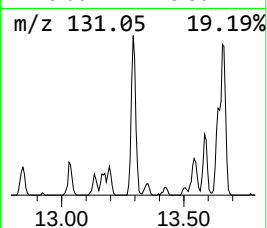
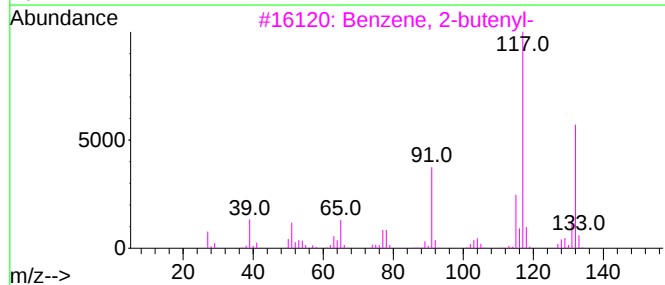
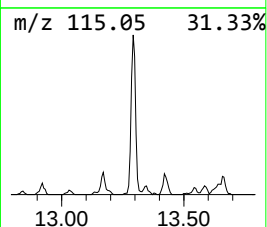
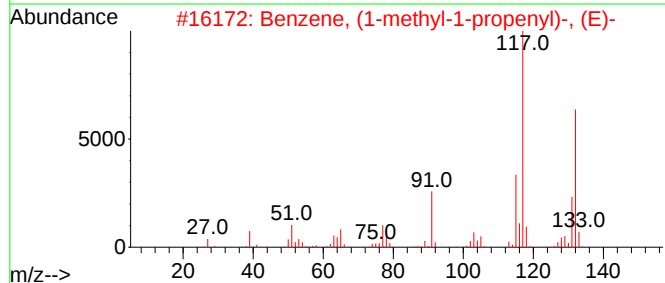
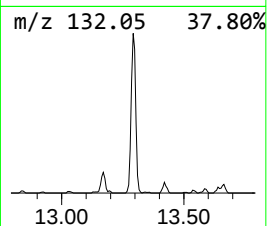
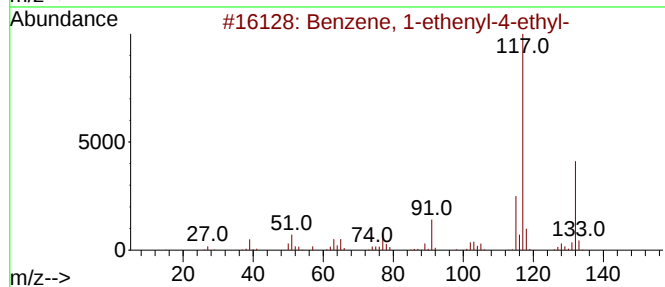
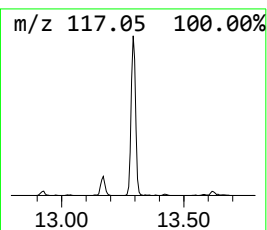
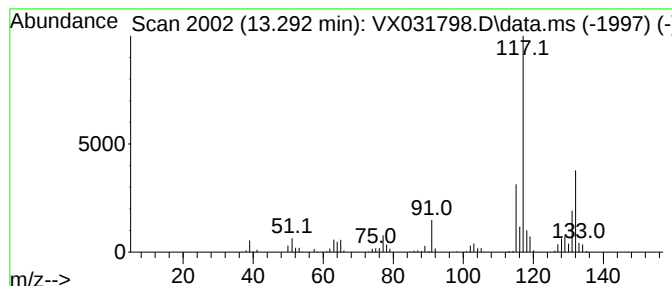
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.292 | 19.07 ug/l | 174679 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 94   |
| 2    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 91   |
| 3    |    |   | Benzene, 2-butenyl-                 | 132 | C10H12  | 001560-06-1 | 91   |
| 4    |    |   | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 90   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4-methyl-    | 132 | C10H12  | 000824-22-6 | 90   |



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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

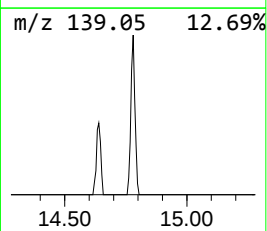
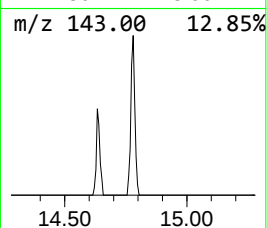
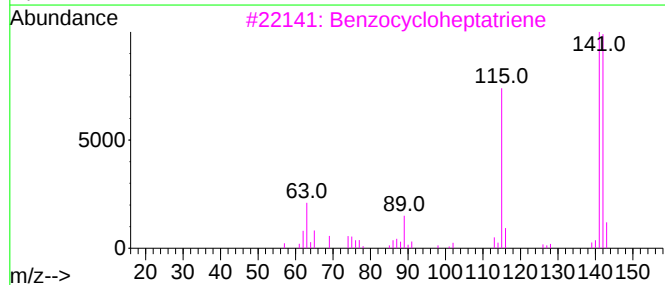
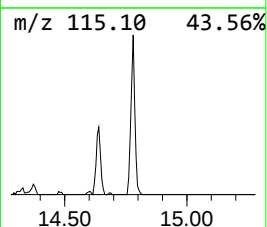
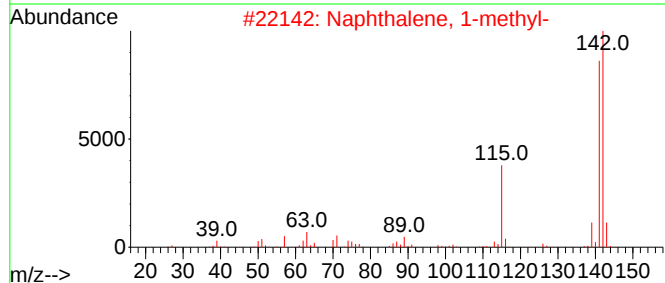
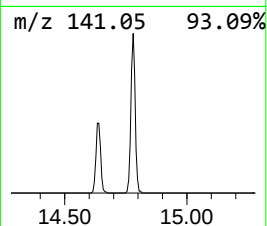
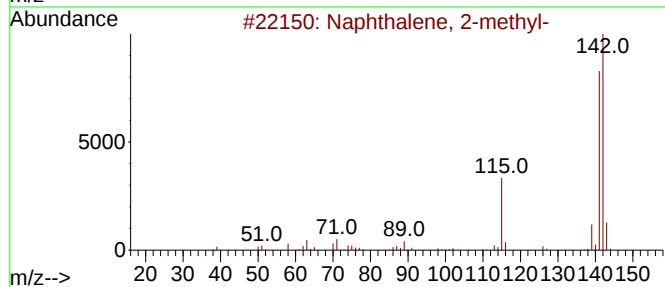
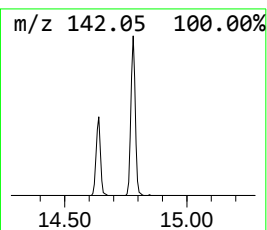
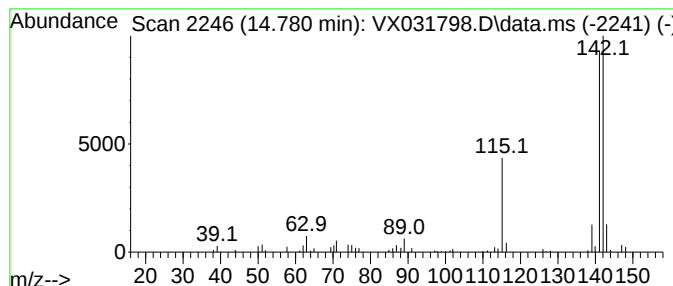
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.780 | 6.02 ug/l | 55127 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 97   |
| 2    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 3    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 4    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 91   |
| 5    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092922\  
Data File : VX031798.D  
Acq On : 30 Sep 2022 04:34  
Operator : JC/MD  
Sample : N4864-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Indane             | 12.244 | 16.0    | ug/l  | 146839   | 4                     | 12.024 | 457927 | 50.0 |
| Benzene, 1-ethe... | 12.701 | 6.6     | ug/l  | 60555    | 4                     | 12.024 | 457927 | 50.0 |
| Benzene, 1-ethe... | 13.292 | 19.1    | ug/l  | 174679   | 4                     | 12.024 | 457927 | 50.0 |
| Naphthalene, 1-... | 14.780 | 6.0     | ug/l  | 55127    | 4                     | 12.024 | 457927 | 50.0 |