

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111622\  
Data File : VX032865.D  
Acq On : 16 Nov 2022 14:05  
Operator : JC/MD  
Sample : N5640-12 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

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\_X\Method\82X102622W.M  
Title : SW846 8260

Signal : TIC: VX032865.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         | 5.385       | 689           | 705         | 718          | rBV      | 66241          | 195340        | 6.12%           | 1.731%        |
| 2         | 5.550       | 721           | 732         | 754          | rVB      | 106398         | 309964        | 9.70%           | 2.747%        |
| 3         | 5.958       | 787           | 799         | 817          | rBV      | 72579          | 196664        | 6.16%           | 1.743%        |
| 4         | 6.763       | 920           | 931         | 943          | rBV      | 163952         | 395252        | 12.37%          | 3.502%        |
| 5         | 8.647       | 1228          | 1240        | 1247         | rBV      | 362971         | 560593        | 17.55%          | 4.968%        |
| 6         | 8.720       | 1247          | 1252        | 1264         | rVB      | 55677          | 88054         | 2.76%           | 0.780%        |
| 7         | 10.055      | 1465          | 1471        | 1486         | rBV      | 349954         | 466375        | 14.60%          | 4.133%        |
| 8         | 10.195      | 1488          | 1494        | 1505         | rVV      | 508892         | 649964        | 20.35%          | 5.759%        |
| 9         | 10.299      | 1505          | 1511        | 1527         | rVB      | 2383331        | 3194334       | 100.00%         | 28.306%       |
| 10        | 10.640      | 1562          | 1567        | 1580         | rVB      | 1212904        | 1534639       | 48.04%          | 13.599%       |
| 11        | 10.963      | 1615          | 1620        | 1628         | rVB      | 50171          | 61775         | 1.93%           | 0.547%        |
| 12        | 11.079      | 1634          | 1639        | 1651         | rBV      | 331138         | 431010        | 13.49%          | 3.819%        |
| 13        | 11.305      | 1671          | 1676        | 1683         | rBV      | 71792          | 84730         | 2.65%           | 0.751%        |
| 14        | 11.378      | 1683          | 1688        | 1696         | rVV      | 379098         | 624327        | 19.54%          | 5.532%        |
| 15        | 11.451      | 1696          | 1700        | 1709         | rVB      | 183401         | 219192        | 6.86%           | 1.942%        |
| 16        | 11.616      | 1721          | 1727        | 1737         | rVB      | 161642         | 202768        | 6.35%           | 1.797%        |
| 17        | 11.750      | 1744          | 1749        | 1756         | rBV      | 677921         | 837909        | 26.23%          | 7.425%        |
| 18        | 12.024      | 1789          | 1794        | 1800         | rBV      | 374913         | 460683        | 14.42%          | 4.082%        |
| 19        | 12.085      | 1800          | 1804        | 1810         | rVB      | 172524         | 212293        | 6.65%           | 1.881%        |
| 20        | 12.244      | 1825          | 1830        | 1838         | rBV2     | 133454         | 193684        | 6.06%           | 1.716%        |
| 21        | 12.317      | 1838          | 1842        | 1849         | rVB2     | 47639          | 66938         | 2.10%           | 0.593%        |
| 22        | 12.530      | 1872          | 1877        | 1879         | rBV      | 26398          | 32248         | 1.01%           | 0.286%        |
| 23        | 12.615      | 1886          | 1891        | 1894         | rBV      | 43579          | 50887         | 1.59%           | 0.451%        |
| 24        | 12.963      | 1945          | 1948        | 1953         | rVB      | 35678          | 41041         | 1.28%           | 0.364%        |
| 25        | 13.292      | 1997          | 2002        | 2007         | rVB2     | 40173          | 53923         | 1.69%           | 0.478%        |
| 26        | 13.774      | 2076          | 2081        | 2092         | rBV      | 92933          | 120569        | 3.77%           | 1.068%        |

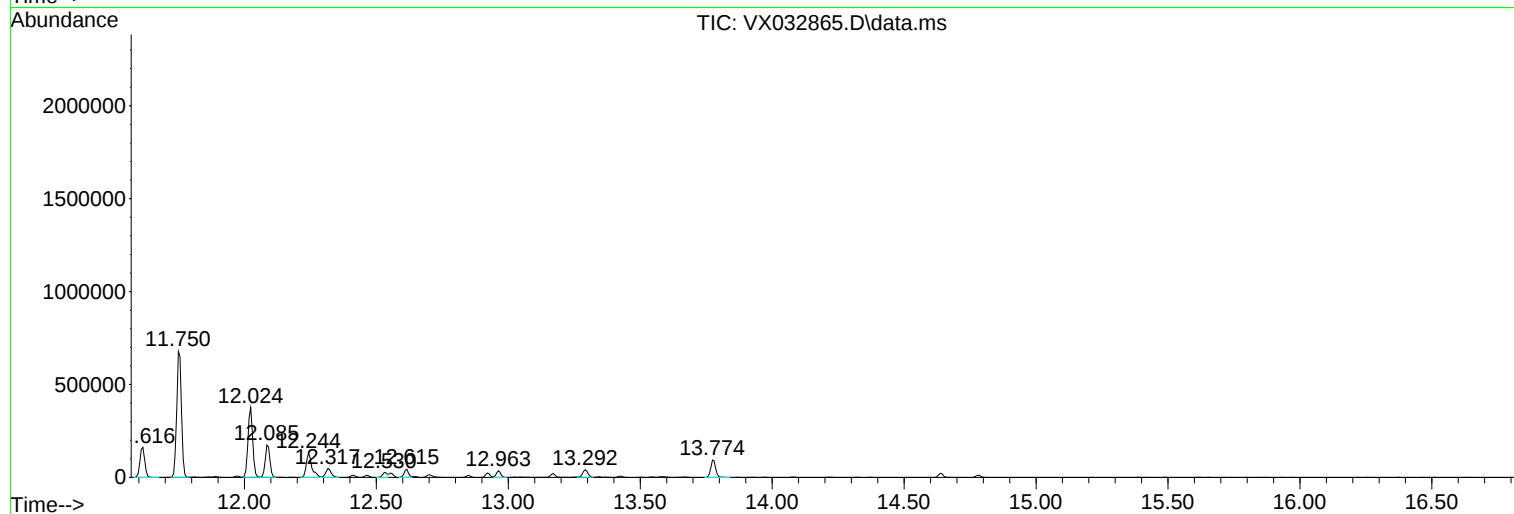
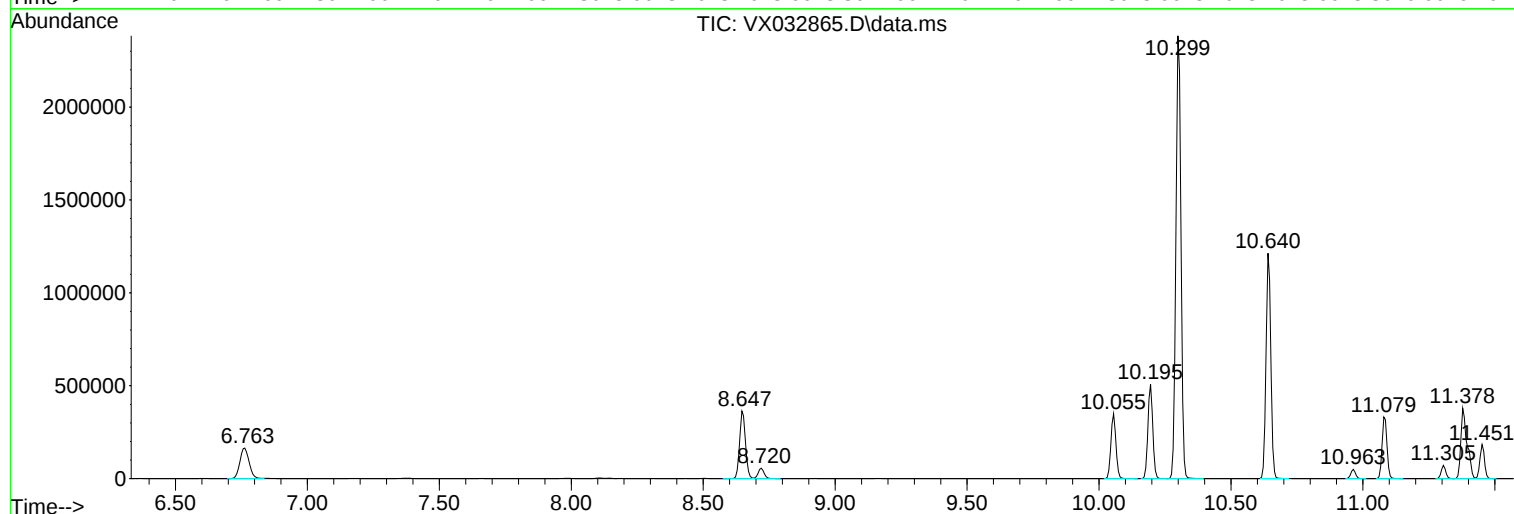
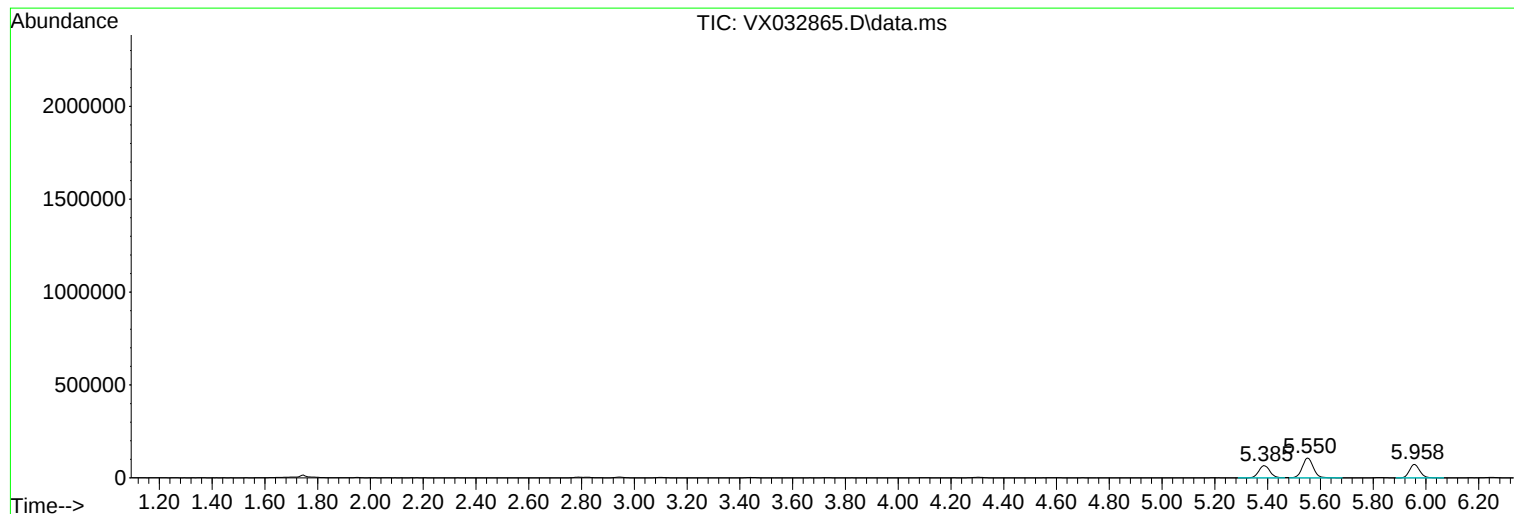
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260

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



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

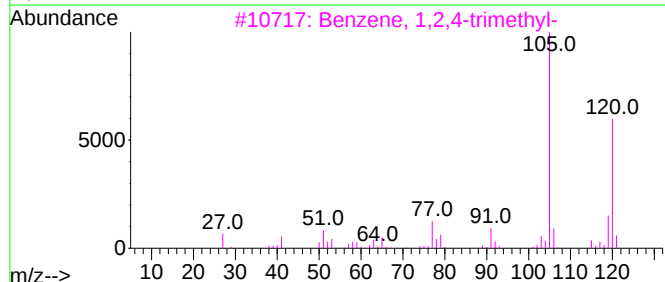
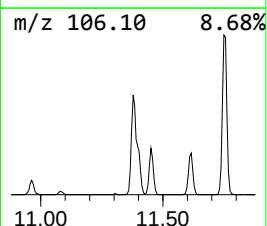
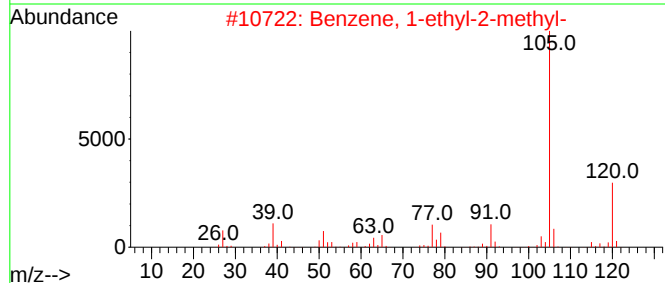
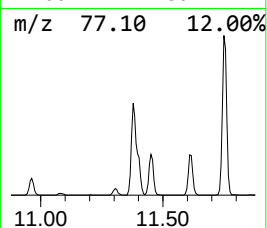
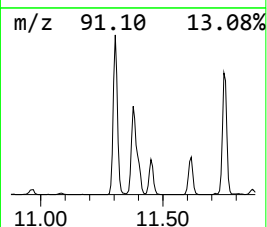
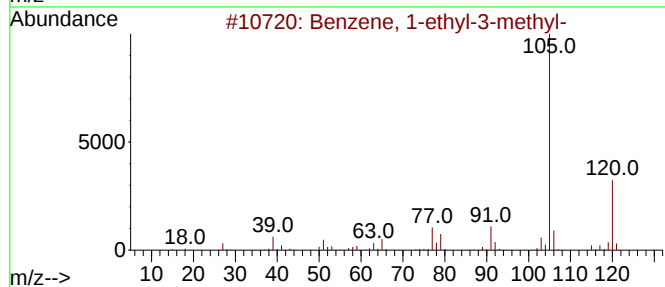
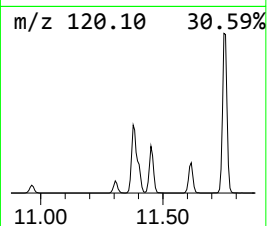
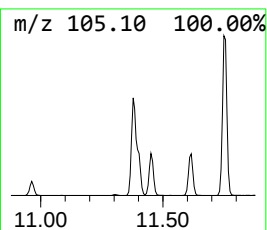
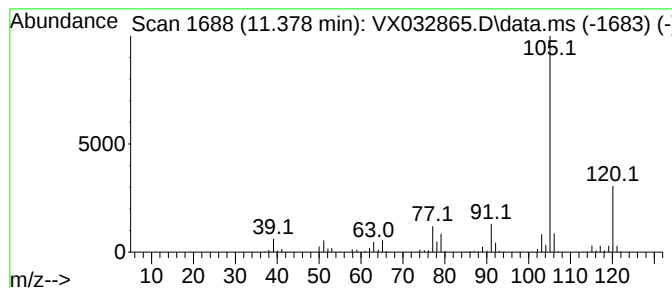
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.378 | 67.76 ug/l | 624327 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

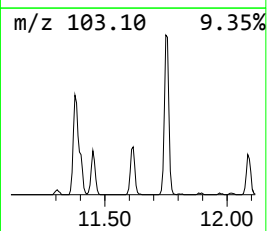
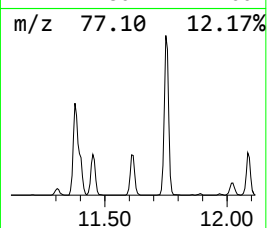
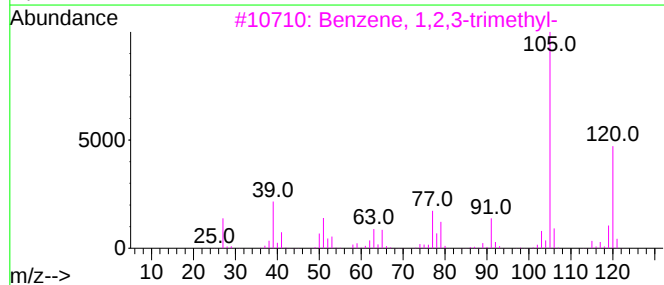
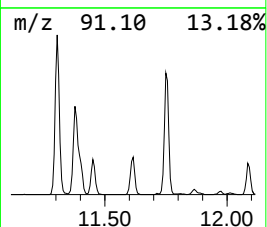
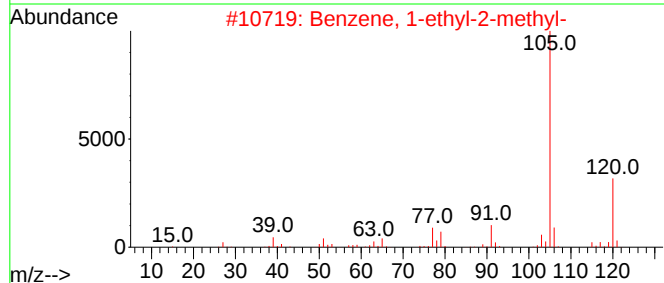
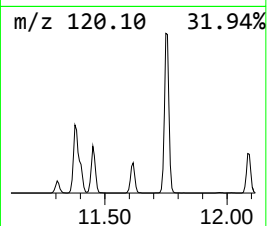
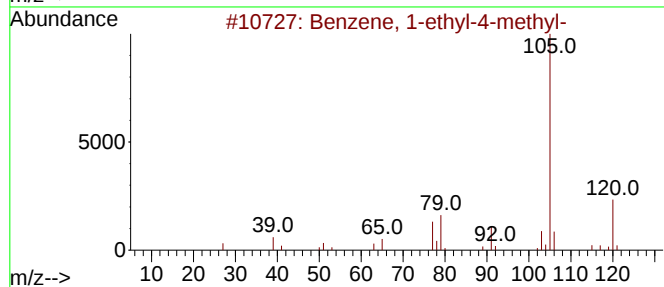
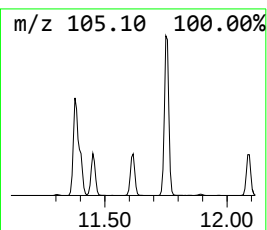
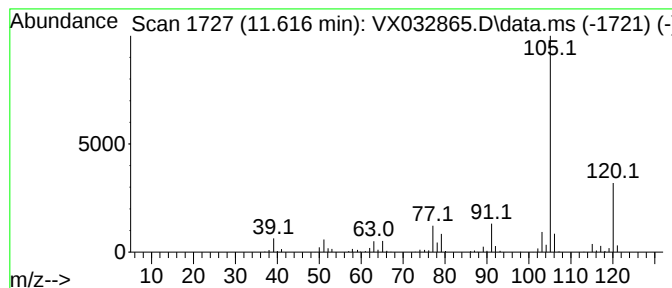
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.616 | 22.01 ug/l | 202768 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 90   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 90   |



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Sample : N5640-12 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

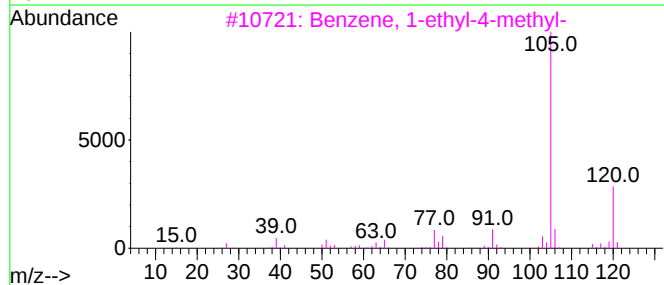
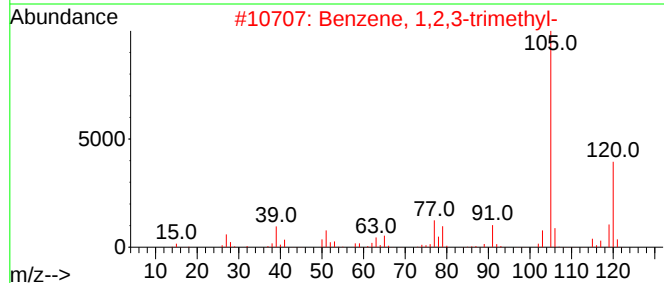
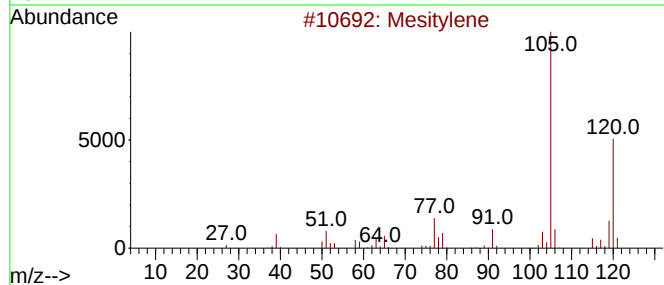
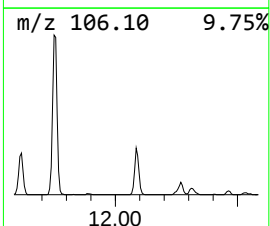
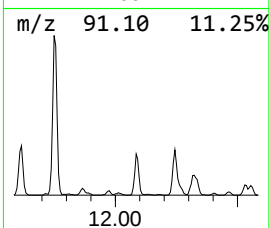
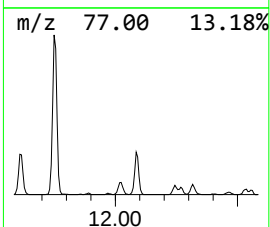
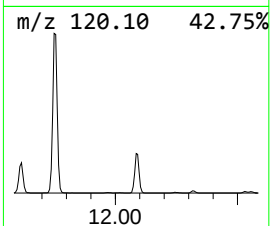
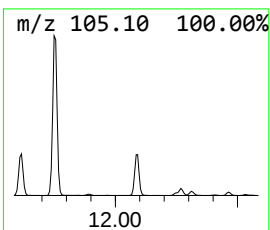
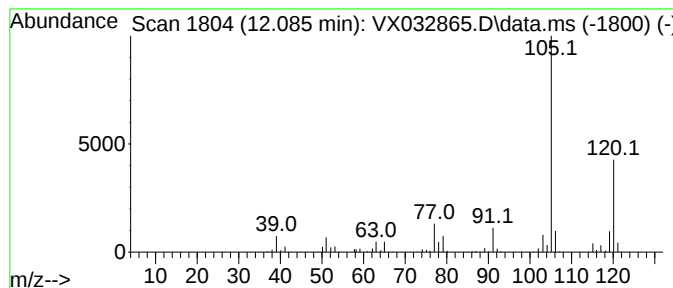
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.085 | 23.04 ug/l | 212293 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 5    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

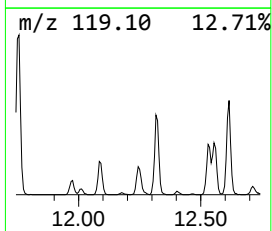
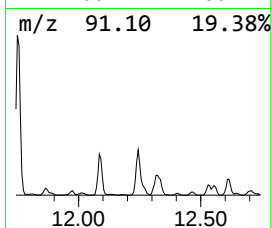
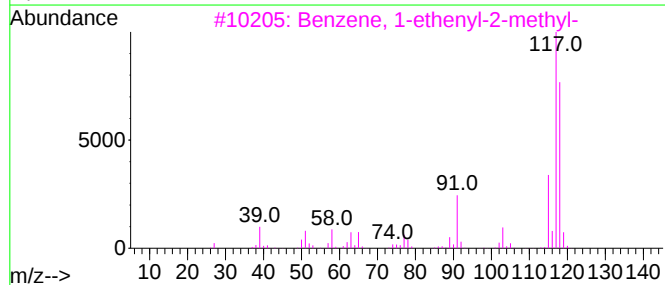
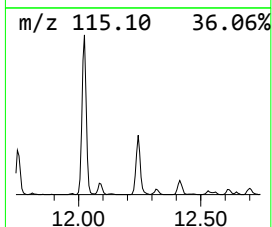
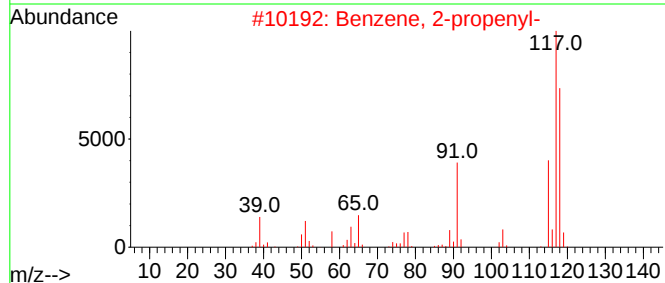
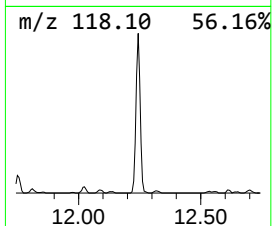
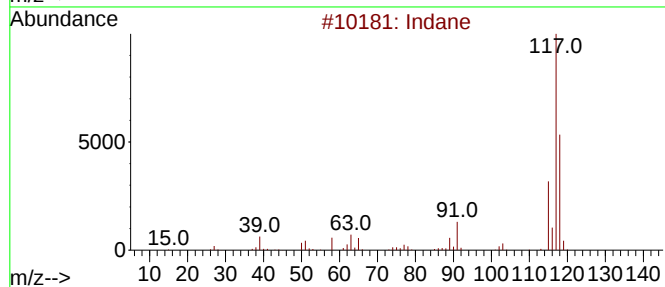
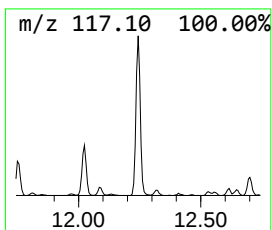
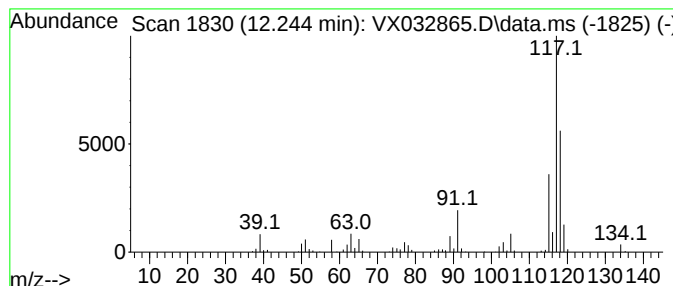
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Indane Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.244 | 21.02 ug/l | 193684 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 93   |
| 2    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 81   |
| 3    |    |   | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4  | 76   |
| 4    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 70   |
| 5    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 59   |



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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260

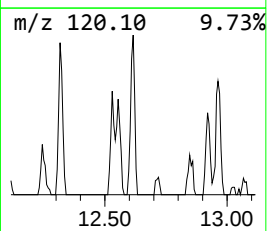
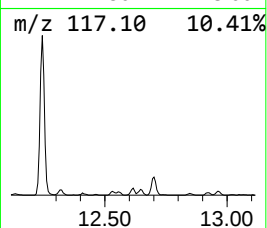
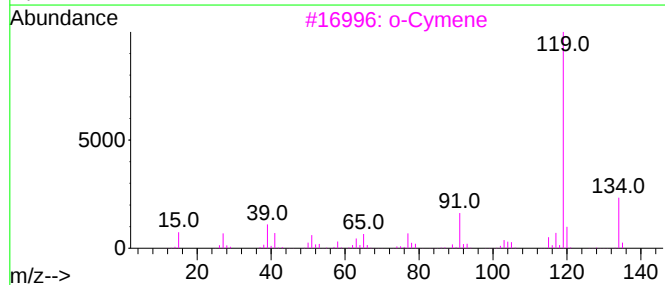
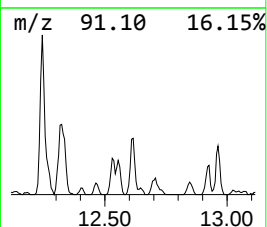
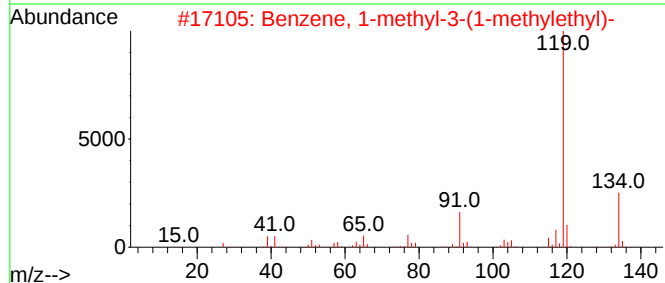
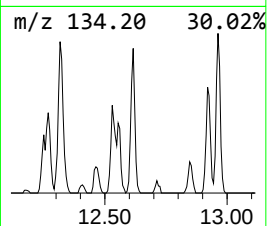
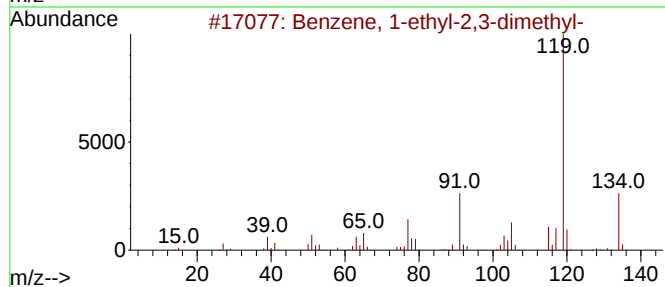
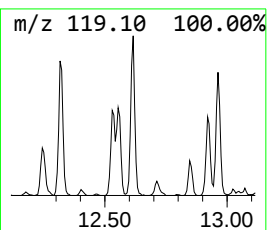
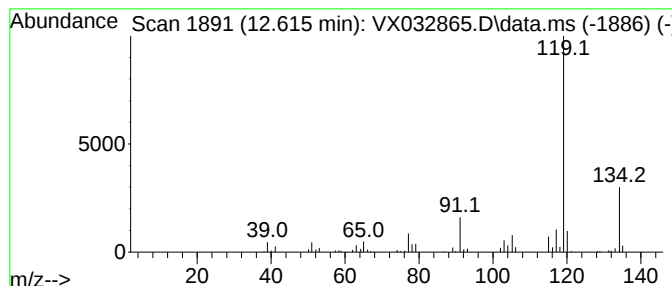
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.616 | 5.52 ug/l | 50887 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl-       | 134 | C10H14  | 000933-98-2 | 96   |
| 2    |    |   | Benzene, 1-methyl-3-(1-methylethyl)- | 134 | C10H14  | 000535-77-3 | 95   |
| 3    |    |   | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl-       | 134 | C10H14  | 000934-80-5 | 95   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl-       | 134 | C10H14  | 000874-41-9 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111622\  
Data File : VX032865.D  
Acq On : 16 Nov 2022 14:05  
Operator : JC/MD  
Sample : N5640-12 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260

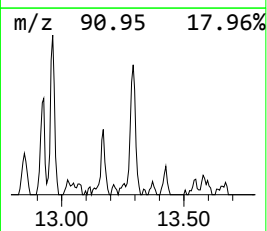
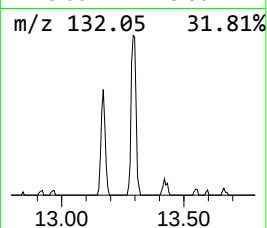
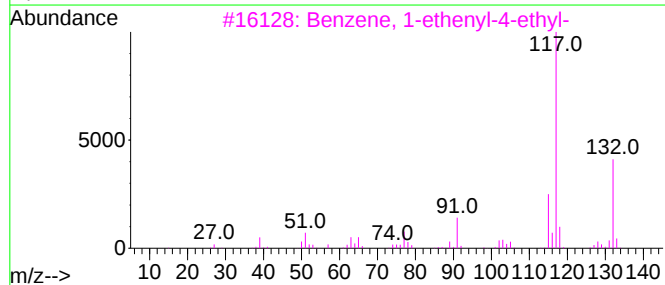
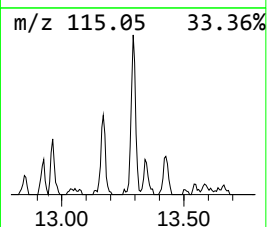
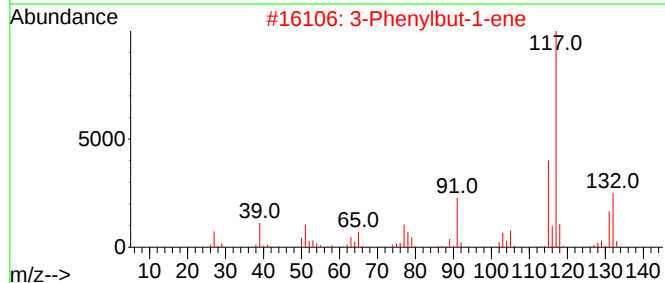
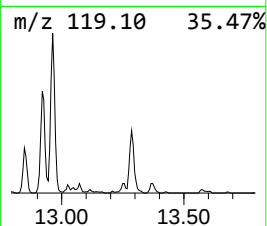
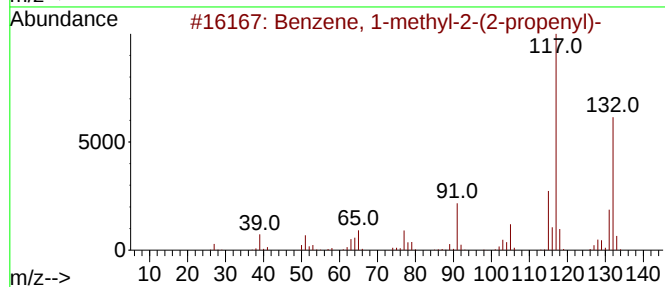
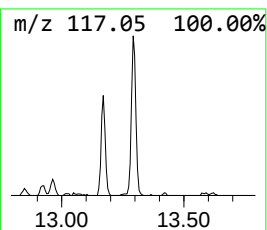
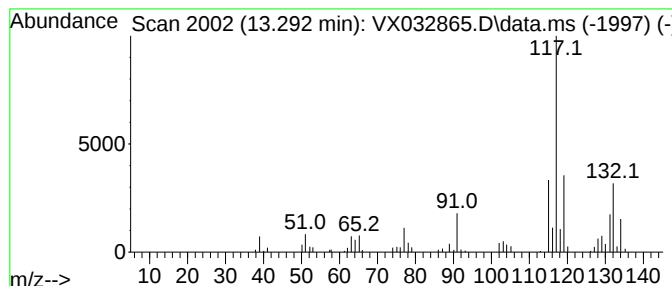
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.292 | 5.85 ug/l | 53923 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-2-(2-propenyl)-   | 132 | C10H12  | 001587-04-8 | 81   |
| 2    |    |   | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 81   |
| 3    |    |   | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 76   |
| 4    |    |   | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 72   |
| 5    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111622\  
Data File : VX032865.D  
Acq On : 16 Nov 2022 14:05  
Operator : JC/MD  
Sample : N5640-12 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.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, 1-ethy... | 11.378 | 67.8    | ug/l  | 624327   | 4                     | 12.024 | 460683 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 22.0    | ug/l  | 202768   | 4                     | 12.024 | 460683 | 50.0 |
| Benzene, 1,2,3-... | 12.085 | 23.0    | ug/l  | 212293   | 4                     | 12.024 | 460683 | 50.0 |
| Indane             | 12.244 | 21.0    | ug/l  | 193684   | 4                     | 12.024 | 460683 | 50.0 |
| Benzene, 1-ethy... | 12.616 | 5.5     | ug/l  | 50887    | 4                     | 12.024 | 460683 | 50.0 |
| Benzene, 1-meth... | 13.292 | 5.8     | ug/l  | 53923    | 4                     | 12.024 | 460683 | 50.0 |