

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
 Data File : VX021579.D  
 Acq On : 29 Mar 2021 16:02  
 Operator : JC/MD  
 Sample : M1785-13 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-2

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\82X032421W.M  
 Title : SW846 8260

Signal : TIC: VX021579.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         | 5.464       | 732           | 744         | 756          | rBV      | 48054          | 137121        | 11.45%          | 2.199%        |
| 2         | 5.629       | 761           | 772         | 783          | rBV      | 68992          | 191604        | 16.00%          | 3.072%        |
| 3         | 6.029       | 829           | 840         | 852          | rBV      | 52186          | 137059        | 11.45%          | 2.198%        |
| 4         | 6.829       | 966           | 976         | 989          | rBV      | 118792         | 278954        | 23.30%          | 4.473%        |
| 5         | 8.694       | 1282          | 1293        | 1310         | rBV      | 253581         | 396842        | 33.14%          | 6.363%        |
| 6         | 10.094      | 1525          | 1531        | 1539         | rBV      | 279923         | 376562        | 31.45%          | 6.038%        |
| 7         | 10.236      | 1548          | 1555        | 1560         | rBV      | 44304          | 60536         | 5.06%           | 0.971%        |
| 8         | 10.341      | 1564          | 1573        | 1579         | rBV      | 47405          | 72157         | 6.03%           | 1.157%        |
| 9         | 10.630      | 1614          | 1622        | 1629         | rBV5     | 7197           | 18487         | 1.54%           | 0.296%        |
| 10        | 10.818      | 1643          | 1654        | 1659         | rVB3     | 13143          | 24386         | 2.04%           | 0.391%        |
| 11        | 10.894      | 1662          | 1667        | 1675         | rBV3     | 10320          | 18733         | 1.56%           | 0.300%        |
| 12        | 11.000      | 1680          | 1685        | 1694         | rBV      | 160969         | 201343        | 16.82%          | 3.229%        |
| 13        | 11.118      | 1700          | 1705        | 1711         | rBV      | 245963         | 314623        | 26.28%          | 5.045%        |
| 14        | 11.342      | 1738          | 1743        | 1751         | rBV      | 268627         | 324162        | 27.07%          | 5.198%        |
| 15        | 11.436      | 1751          | 1759        | 1763         | rVV      | 76422          | 127358        | 10.64%          | 2.042%        |
| 16        | 11.489      | 1763          | 1768        | 1777         | rVB      | 33353          | 49202         | 4.11%           | 0.789%        |
| 17        | 11.653      | 1785          | 1796        | 1801         | rBV7     | 10175          | 20966         | 1.75%           | 0.336%        |
| 18        | 11.753      | 1805          | 1813        | 1815         | rVV      | 23551          | 34973         | 2.92%           | 0.561%        |
| 19        | 11.789      | 1815          | 1819        | 1829         | rVB      | 1012548        | 1197354       | 100.00%         | 19.199%       |
| 20        | 11.900      | 1829          | 1838        | 1840         | rBV      | 35928          | 49163         | 4.11%           | 0.788%        |
| 21        | 11.930      | 1840          | 1843        | 1848         | rVB      | 74404          | 87116         | 7.28%           | 1.397%        |
| 22        | 12.006      | 1853          | 1856        | 1860         | rVV      | 13465          | 17488         | 1.46%           | 0.280%        |
| 23        | 12.059      | 1860          | 1865        | 1871         | rVV      | 318479         | 399750        | 33.39%          | 6.410%        |
| 24        | 12.124      | 1871          | 1876        | 1882         | rVV      | 288395         | 348516        | 29.11%          | 5.588%        |
| 25        | 12.218      | 1886          | 1892        | 1897         | rVB      | 32861          | 42595         | 3.56%           | 0.683%        |
| 26        | 12.283      | 1897          | 1903        | 1910         | rBV      | 254197         | 321300        | 26.83%          | 5.152%        |
| 27        | 12.353      | 1910          | 1915        | 1923         | rVB2     | 49029          | 100336        | 8.38%           | 1.609%        |
| 28        | 12.442      | 1925          | 1930        | 1936         | rBV      | 33451          | 42990         | 3.59%           | 0.689%        |
| 29        | 12.571      | 1946          | 1952        | 1954         | rBV      | 37776          | 51743         | 4.32%           | 0.830%        |
| 30        | 12.595      | 1954          | 1956        | 1960         | rVV      | 36407          | 35439         | 2.96%           | 0.568%        |
| 31        | 12.653      | 1960          | 1966        | 1969         | rVV      | 127177         | 155950        | 13.02%          | 2.501%        |
| 32        | 12.683      | 1969          | 1971        | 1976         | rVB      | 41022          | 44186         | 3.69%           | 0.709%        |
| 33        | 12.742      | 1976          | 1981        | 1988         | rBV2     | 101626         | 170756        | 14.26%          | 2.738%        |
| 34        | 12.883      | 1999          | 2005        | 2010         | rVB2     | 30349          | 46004         | 3.84%           | 0.738%        |
| 35        | 12.959      | 2010          | 2018        | 2021         | rVV      | 62348          | 80677         | 6.74%           | 1.294%        |
| 36        | 13.001      | 2021          | 2025        | 2031         | rVV      | 79784          | 96876         | 8.09%           | 1.553%        |

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

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\82X032421W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 37 | 13.330 | 2076 | 2081 | 2087 | rVB2 | 76521 | 106235 | 8.87% | 1.703% |
| 38 | 13.459 | 2099 | 2103 | 2110 | rVB  | 15665 | 20159  | 1.68% | 0.323% |
| 39 | 13.818 | 2154 | 2164 | 2170 | rBV  | 26347 | 36702  | 3.07% | 0.589% |

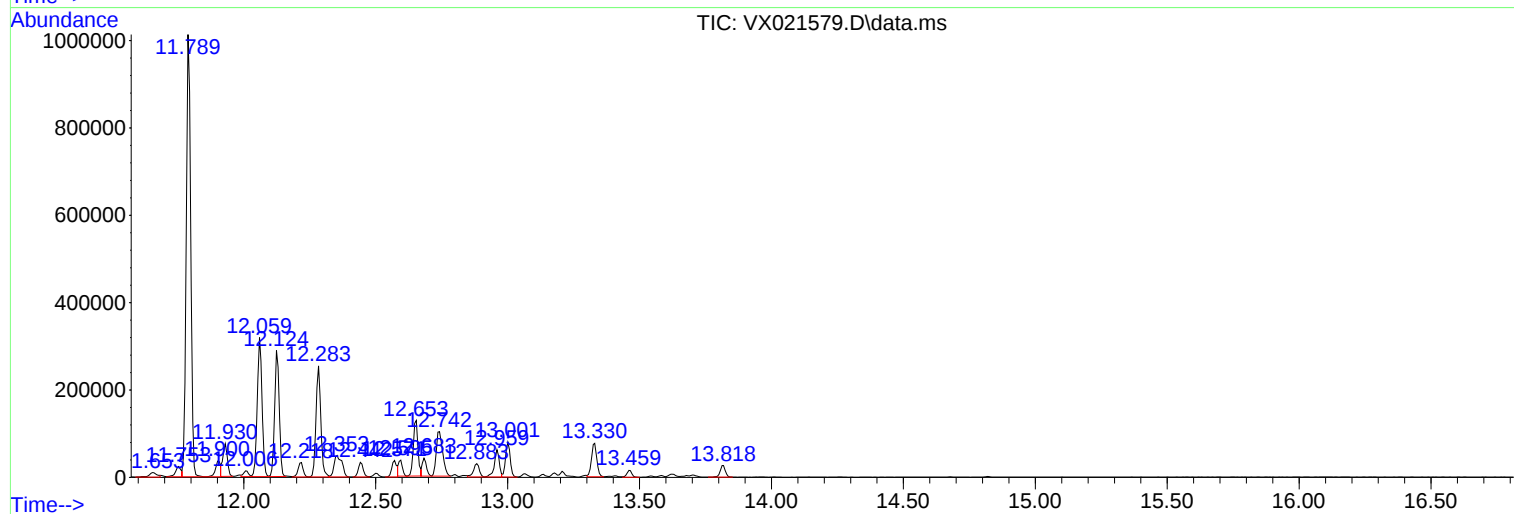
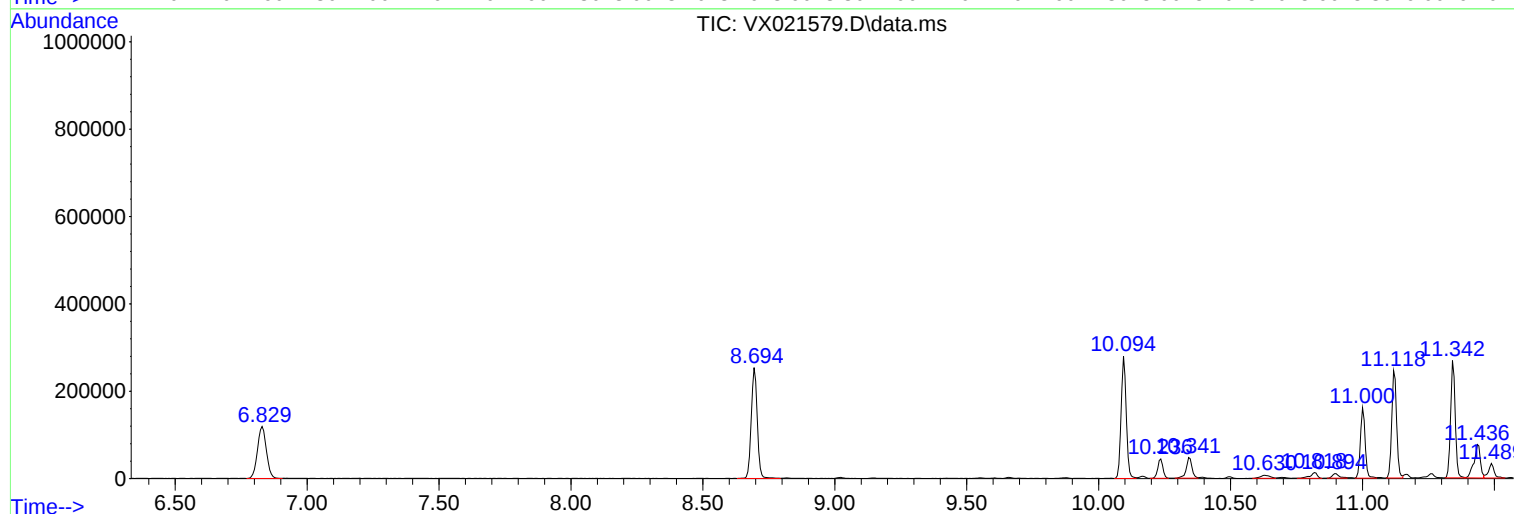
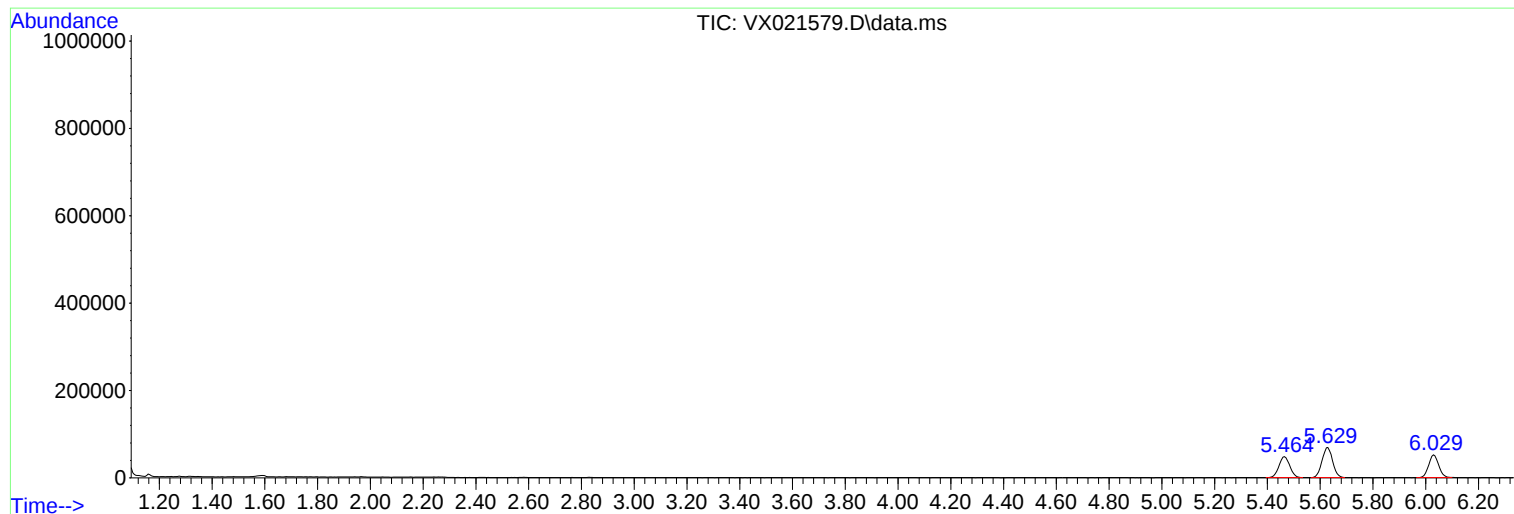
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
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MSVOA\_X  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

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



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Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

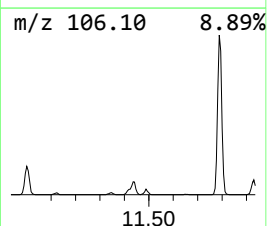
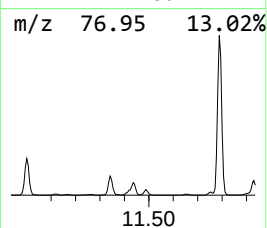
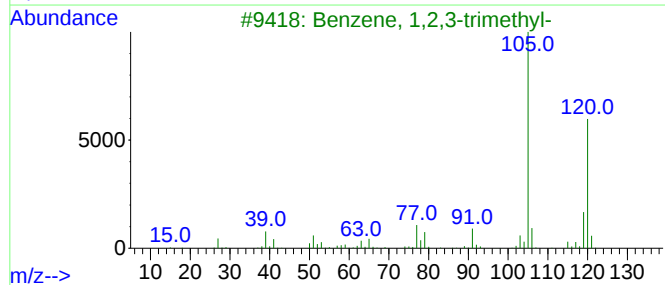
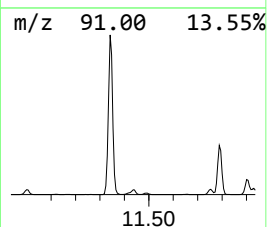
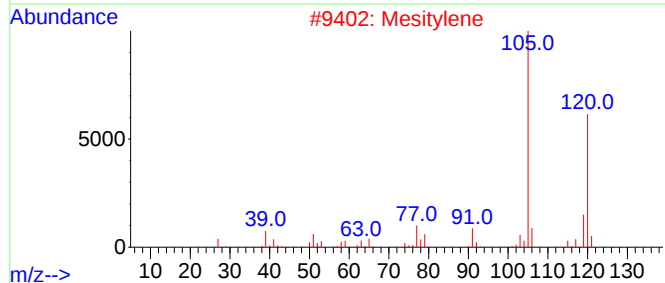
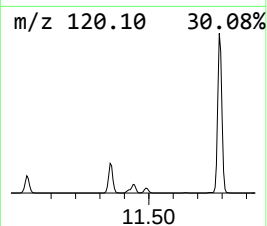
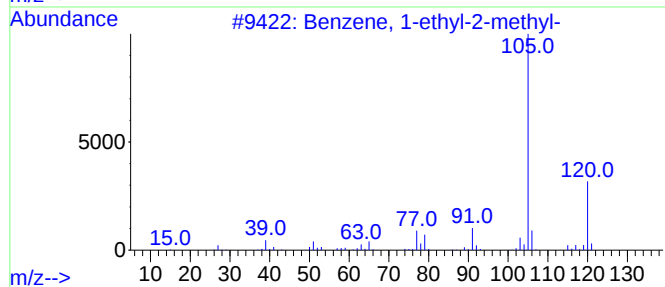
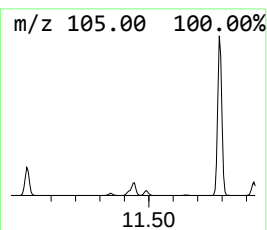
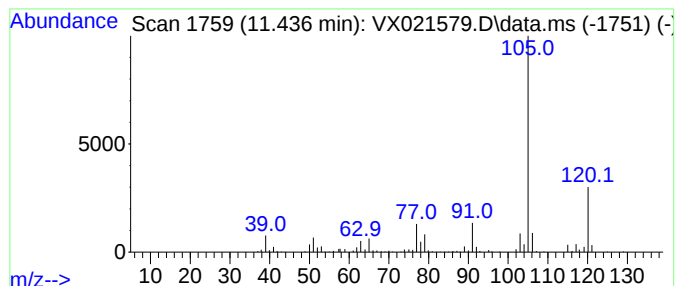
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.436 | 15.93 ug/l | 127358 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

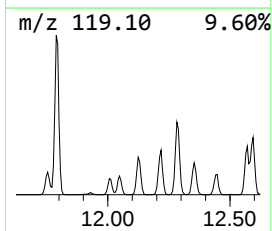
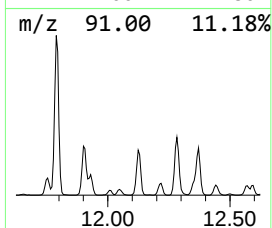
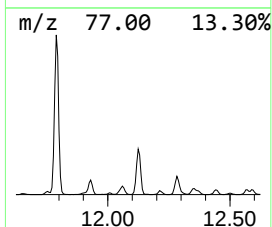
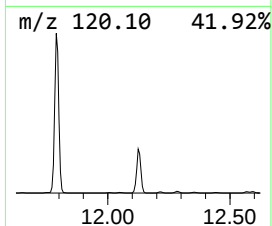
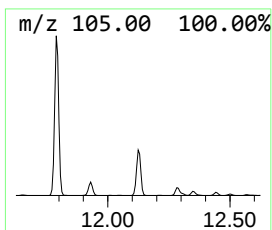
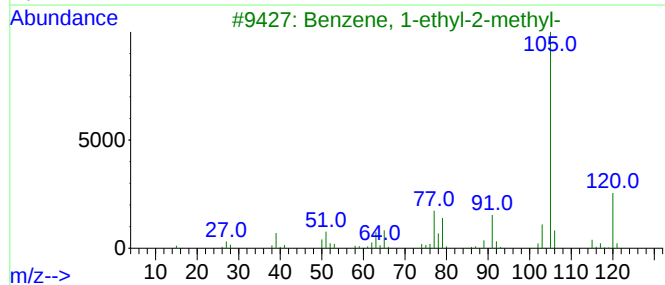
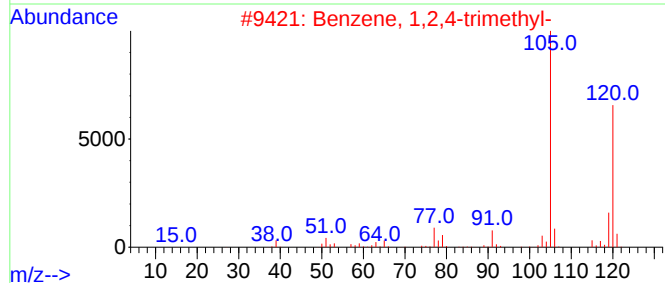
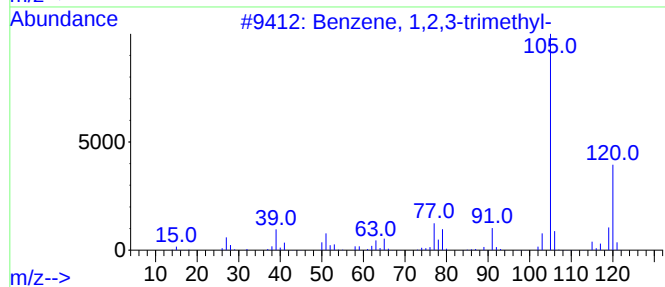
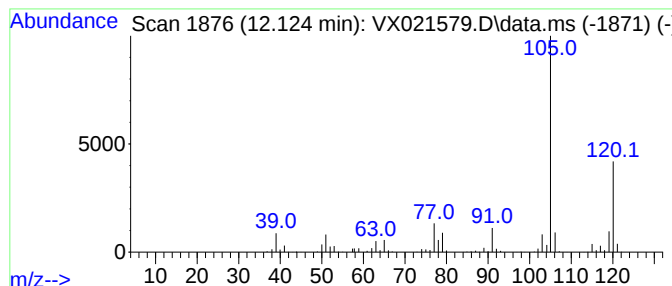
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.124 | 43.59 ug/l | 348516 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

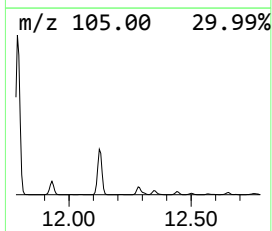
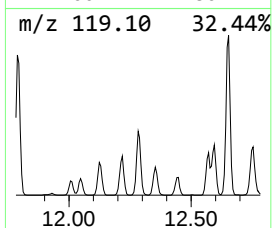
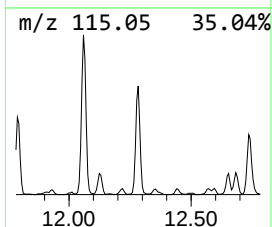
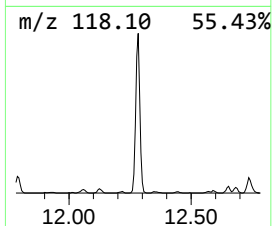
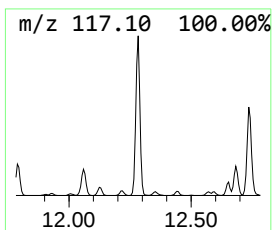
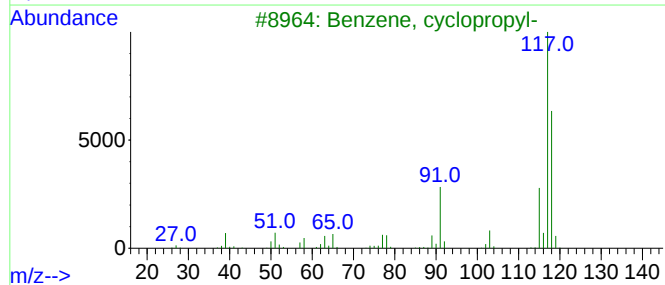
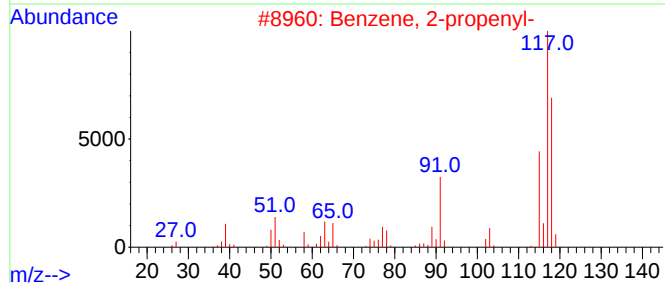
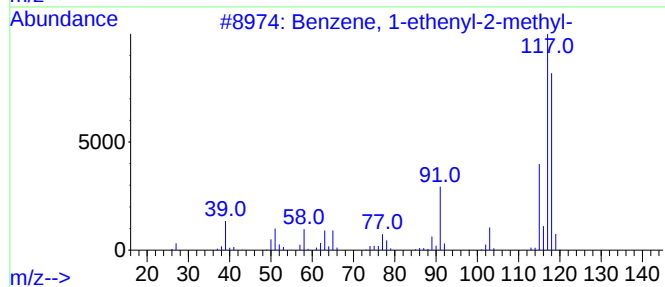
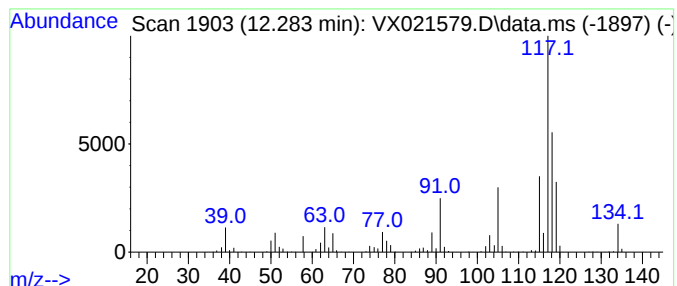
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.283 | 40.19 ug/l | 321300 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 93   |
| 2    |    |   | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 70   |
| 3    |    |   | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 70   |
| 4    |    |   | Indane                       | 118 | C9H10   | 000496-11-7 | 64   |
| 5    |    |   | Benzene, 1-propenyl-         | 118 | C9H10   | 000637-50-3 | 64   |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

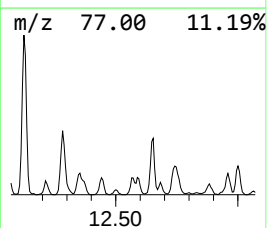
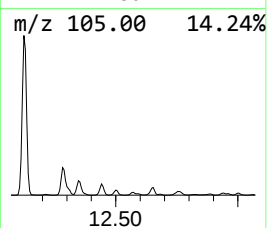
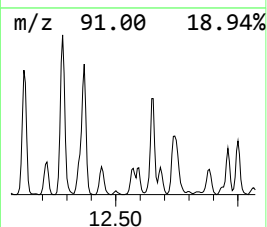
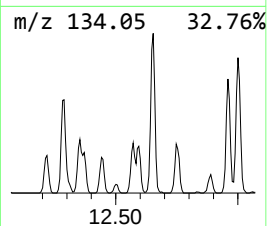
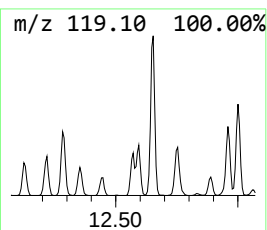
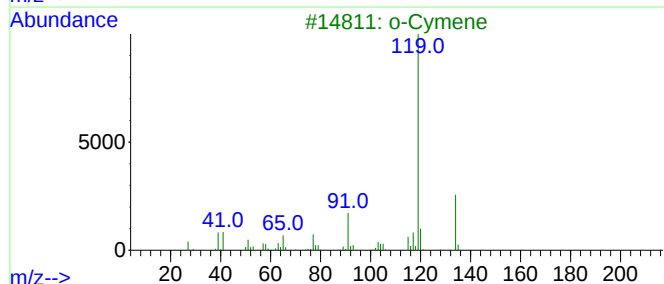
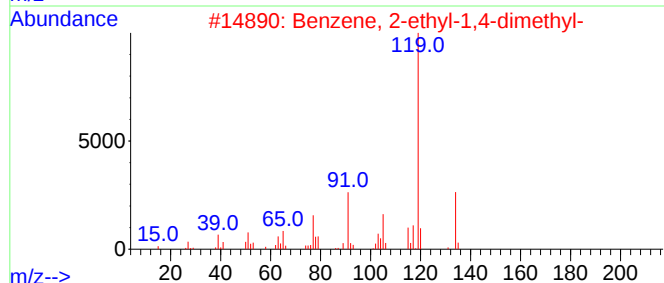
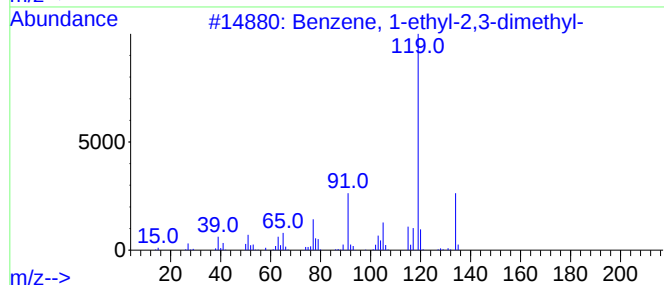
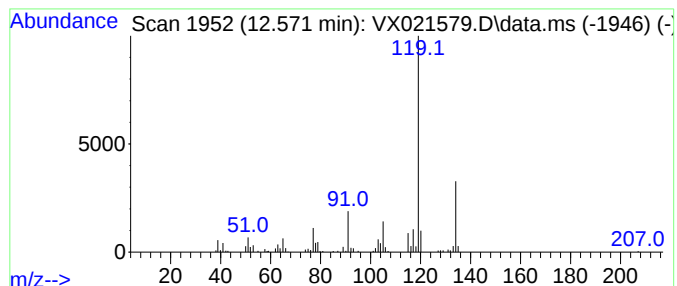
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.571 | 6.47 ug/l | 51743 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 2    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 3    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 95   |
| 5    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
Data File : VX021579.D  
Acq On : 29 Mar 2021 16:02  
Operator : JC/MD  
Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

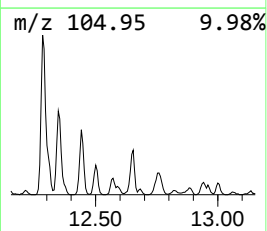
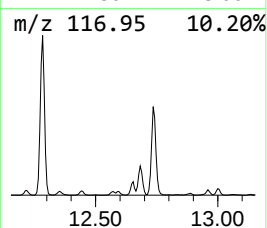
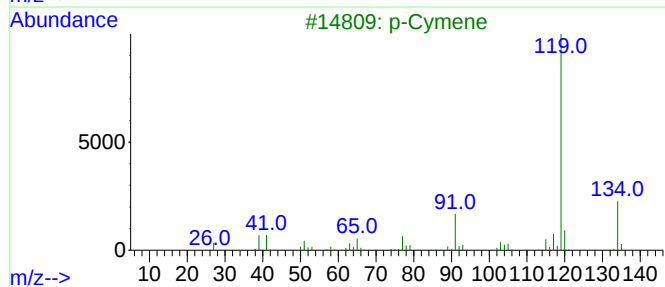
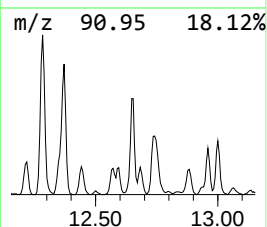
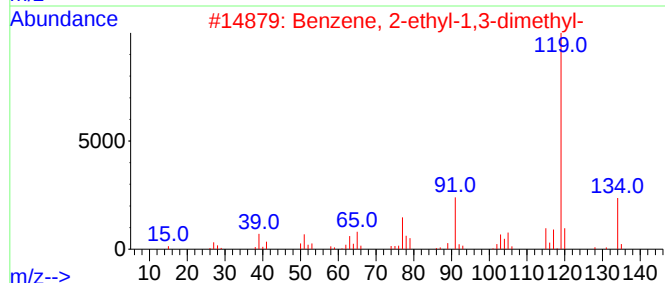
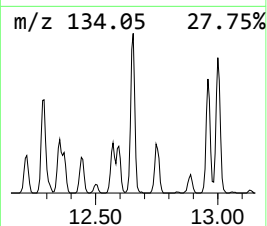
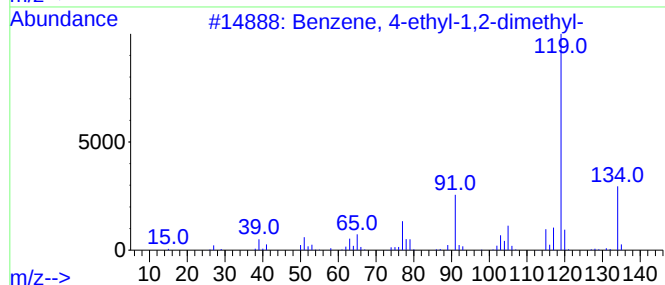
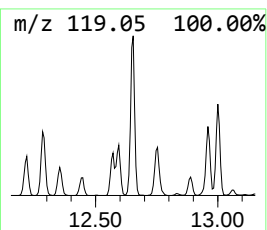
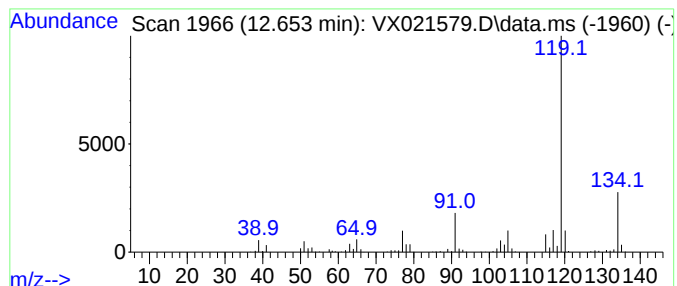
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.653 | 19.51 ug/l | 155950 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 3    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 95   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
Data File : VX021579.D  
Acq On : 29 Mar 2021 16:02  
Operator : JC/MD  
Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

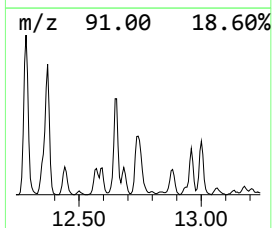
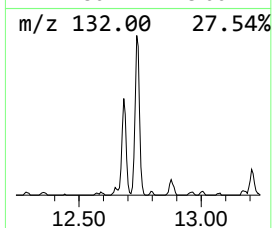
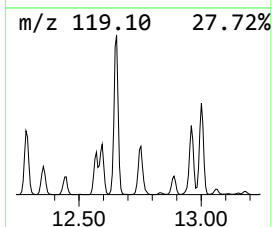
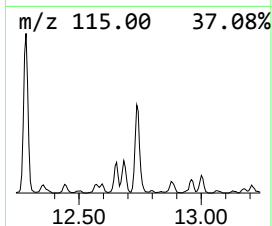
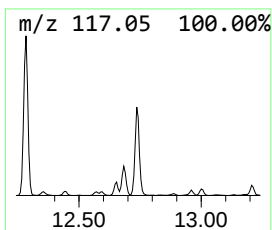
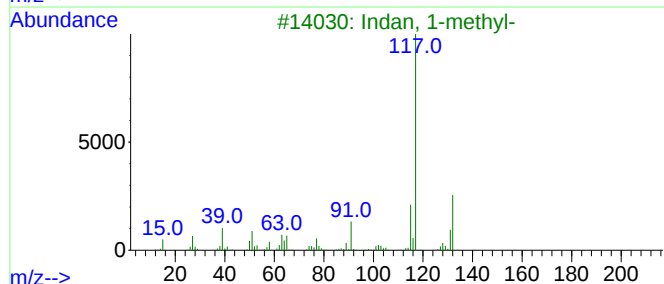
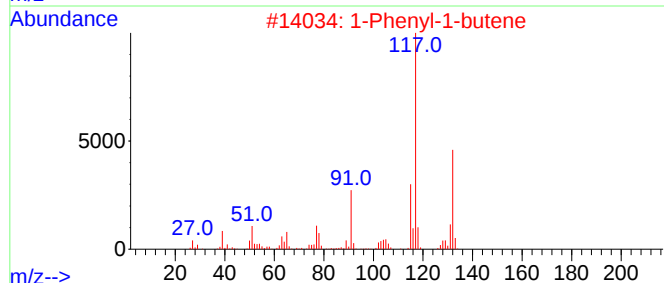
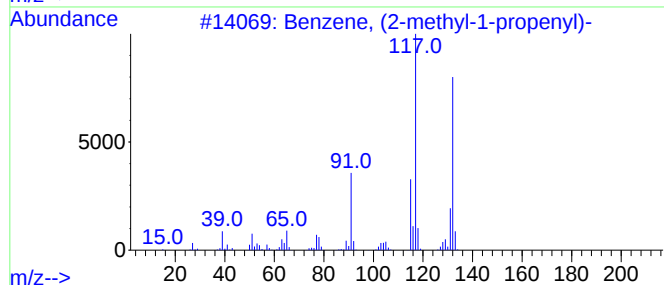
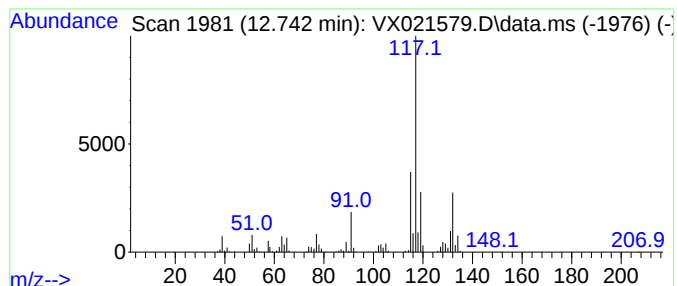
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.742 | 21.36 ug/l | 170756 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methyl-1-propenyl)-   | 132 | C10H12  | 000768-49-0 | 83   |
| 2    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 81   |
| 3    |    |   | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8 | 76   |
| 4    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 74   |
| 5    |    |   | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7 | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
Data File : VX021579.D  
Acq On : 29 Mar 2021 16:02  
Operator : JC/MD  
Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

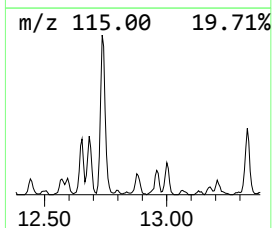
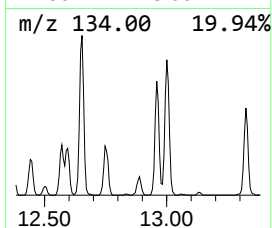
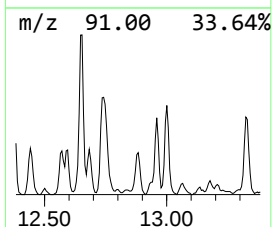
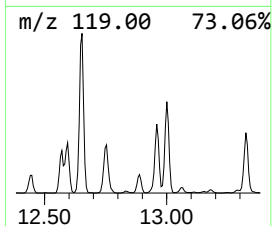
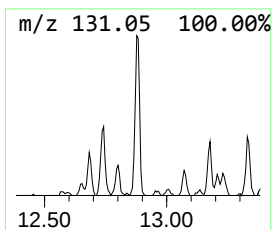
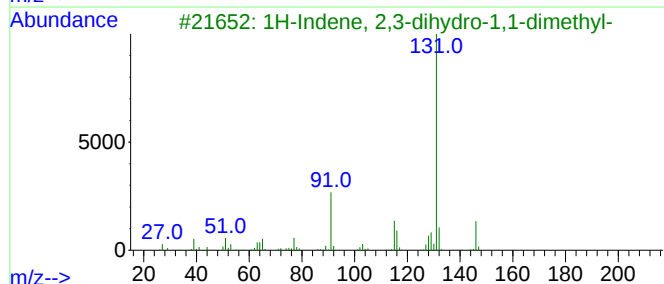
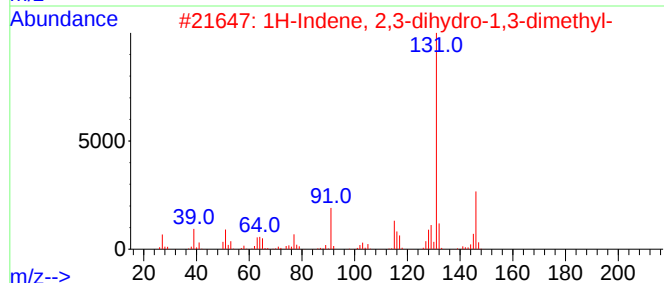
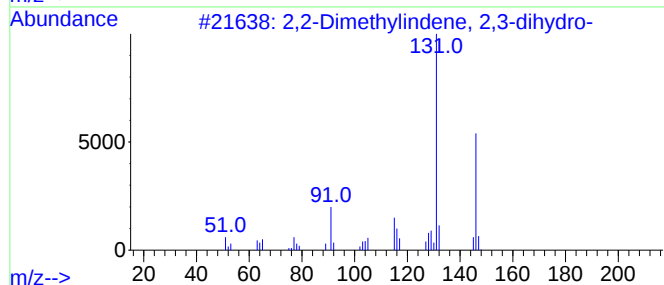
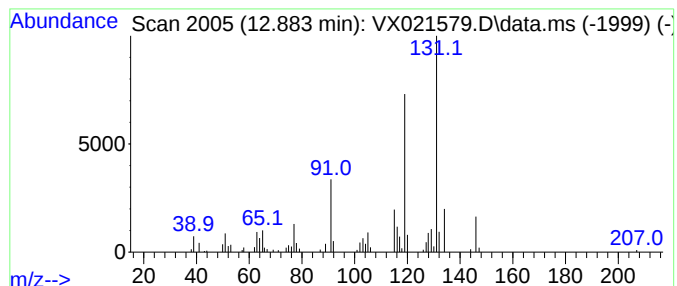
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.883 | 5.75 ug/l | 46004 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2,2-Dimethylindene, 2,3-dihydro-    | 146 | C11H14  | 020836-11-7 | 94   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 86   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14  | 004912-92-9 | 64   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14  | 052161-57-6 | 58   |
| 5    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
Data File : VX021579.D  
Acq On : 29 Mar 2021 16:02  
Operator : JC/MD  
Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

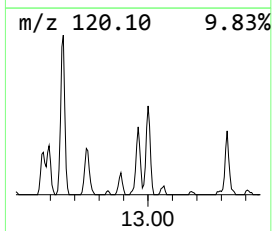
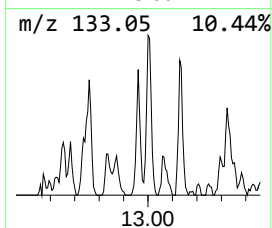
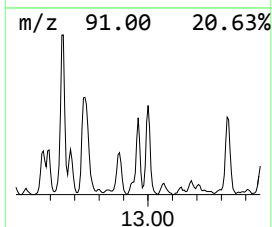
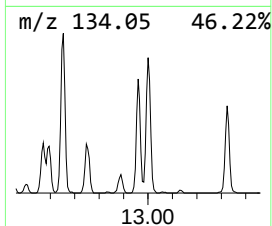
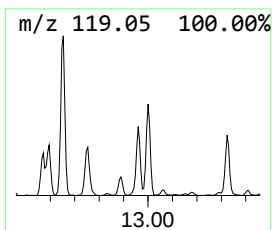
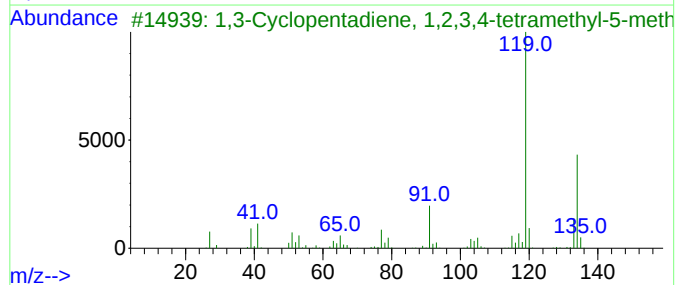
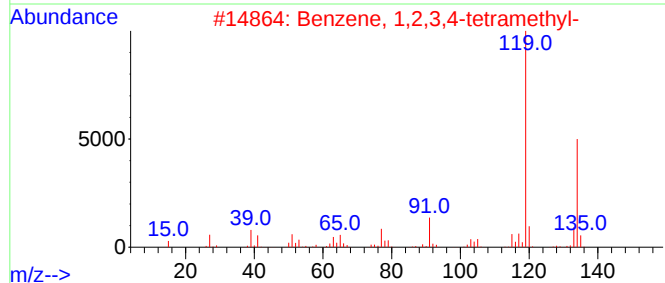
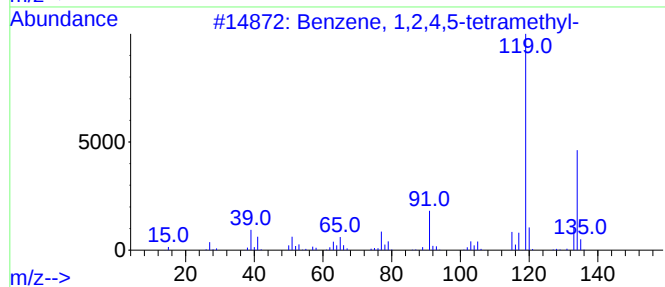
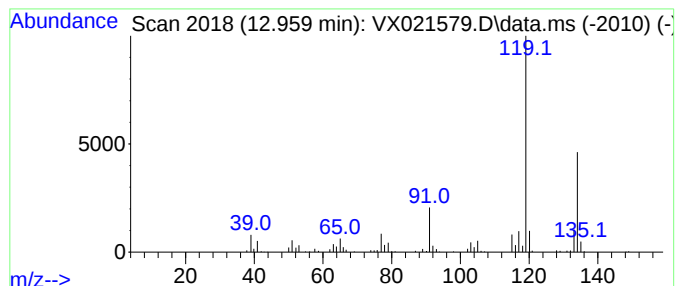
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 12.959 | 10.09 ug/l | 80677 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 96   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 95   |
| 3    |    |   | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 94   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 91   |
| 5    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
Data File : VX021579.D  
Acq On : 29 Mar 2021 16:02  
Operator : JC/MD  
Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

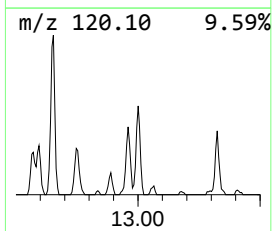
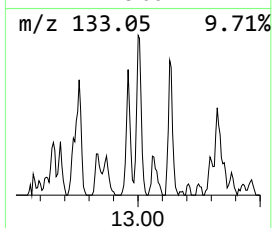
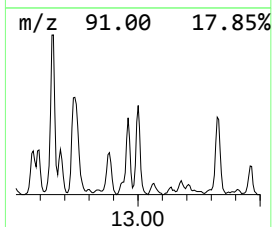
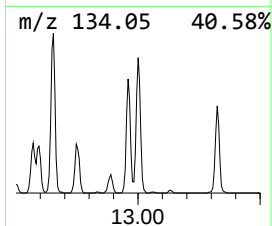
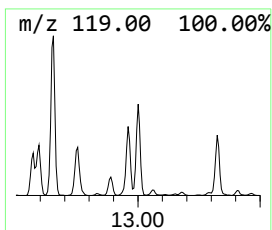
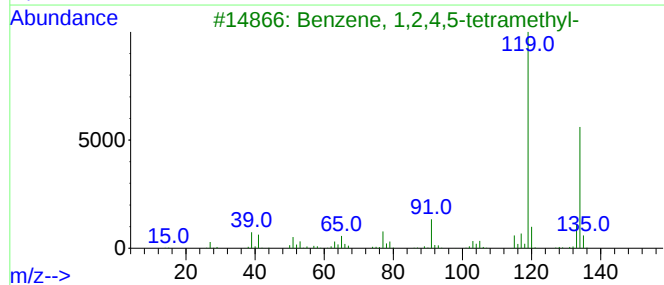
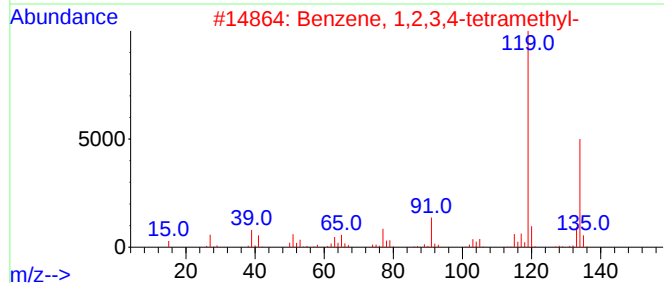
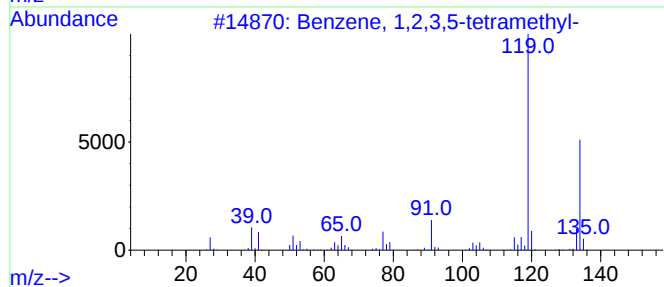
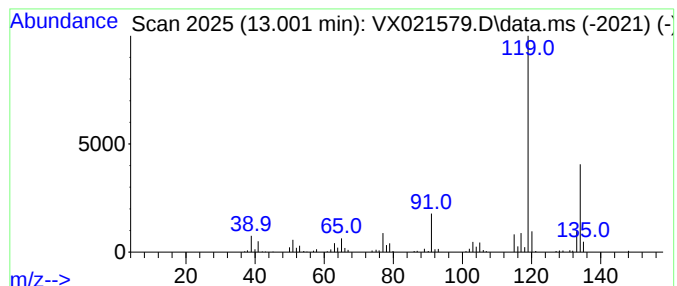
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 13.001 | 12.12 ug/l | 96876 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 95   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 95   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 95   |
| 4    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
Data File : VX021579.D  
Acq On : 29 Mar 2021 16:02  
Operator : JC/MD  
Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

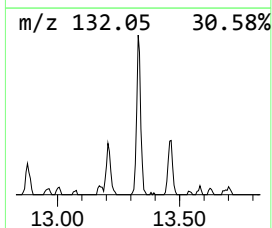
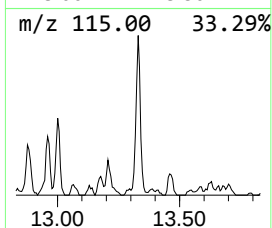
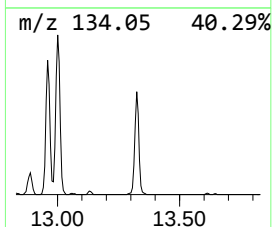
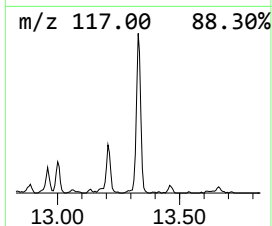
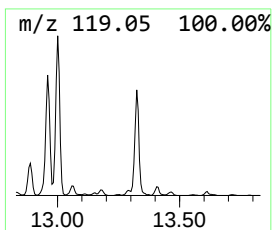
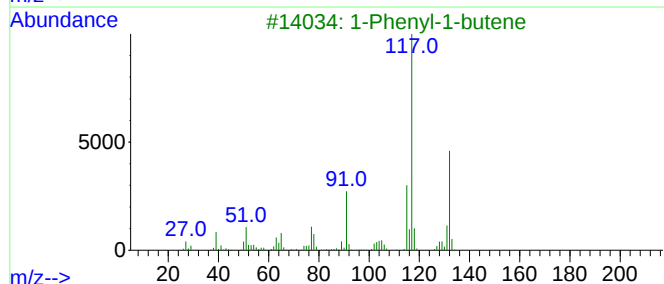
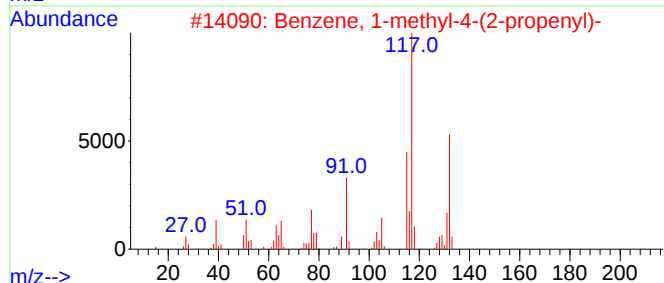
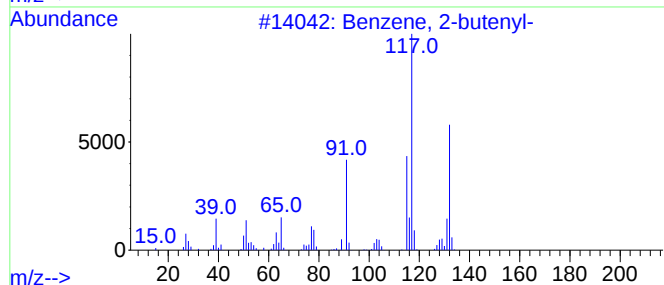
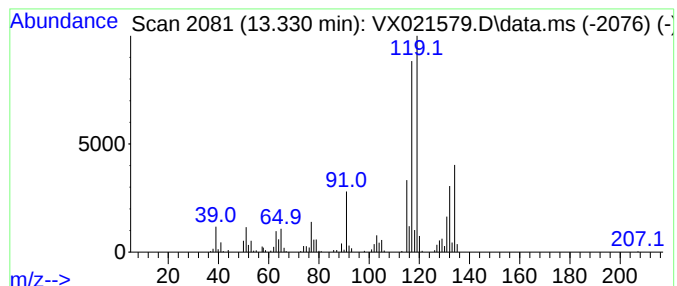
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Benzene, 2-butenyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.330 | 13.29 ug/l | 106235 | 1,4-Dichlorobenzene-d4 | 12.059 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-butenyl-               | 132 | C10H12  | 001560-06-1 | 89   |
| 2    |    |   | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 70   |
| 3    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 55   |
| 4    |    |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 55   |
| 5    |    |   | Benzene, (2-methyl-2-propenyl)-   | 132 | C10H12  | 003290-53-7 | 55   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
Data File : VX021579.D  
Acq On : 29 Mar 2021 16:02  
Operator : JC/MD  
Sample : M1785-13 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzene, 1-ethy... | 11.436 | 15.9    | ug/l  | 127358   | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, 1,2,3-... | 12.124 | 43.6    | ug/l  | 348516   | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, 1-ethe... | 12.283 | 40.2    | ug/l  | 321300   | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, 1-ethy... | 12.571 | 6.5     | ug/l  | 51743    | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, 4-ethy... | 12.653 | 19.5    | ug/l  | 155950   | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, (2-met... | 12.742 | 21.4    | ug/l  | 170756   | 4                     | 12.059 | 399750 | 50.0 |
| 2,2-Dimethylind... | 12.883 | 5.8     | ug/l  | 46004    | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, 1,2,4,... | 12.959 | 10.1    | ug/l  | 80677    | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, 1,2,3,... | 13.001 | 12.1    | ug/l  | 96876    | 4                     | 12.059 | 399750 | 50.0 |
| Benzene, 2-bute... | 13.330 | 13.3    | ug/l  | 106235   | 4                     | 12.059 | 399750 | 50.0 |