

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011724\  
 Data File : VX039794.D  
 Acq On : 17 Jan 2024 12:07  
 Operator : JC/MD  
 Sample : P1152-01 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A2421

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\82X011024W.M  
 Title : SW846 8260

Signal : TIC: VX039794.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       | 693           | 705         | 718          | rBV      | 64512          | 188914        | 7.46%           | 1.438%        |
| 2         | 5.550       | 722           | 732         | 750          | rVB      | 102564         | 293496        | 11.58%          | 2.234%        |
| 3         | 5.952       | 788           | 798         | 806          | rBV2     | 75597          | 200541        | 7.91%           | 1.526%        |
| 4         | 6.037       | 806           | 812         | 826          | rVB2     | 33129          | 91281         | 3.60%           | 0.695%        |
| 5         | 6.757       | 921           | 930         | 944          | rBV      | 173665         | 420698        | 16.60%          | 3.202%        |
| 6         | 8.647       | 1233          | 1240        | 1246         | rBV      | 376886         | 583504        | 23.03%          | 4.442%        |
| 7         | 8.714       | 1246          | 1251        | 1267         | rVB      | 1609040        | 2533866       | 100.00%         | 19.287%       |
| 8         | 10.049      | 1465          | 1470        | 1488         | rBV      | 393856         | 549368        | 21.68%          | 4.182%        |
| 9         | 10.189      | 1488          | 1493        | 1505         | rVV      | 487489         | 662279        | 26.14%          | 5.041%        |
| 10        | 10.299      | 1505          | 1511        | 1525         | rVB      | 1881727        | 2505963       | 98.90%          | 19.075%       |
| 11        | 10.640      | 1561          | 1567        | 1584         | rVB      | 953439         | 1201251       | 47.41%          | 9.144%        |
| 12        | 10.963      | 1614          | 1620        | 1627         | rVB      | 21945          | 29323         | 1.16%           | 0.223%        |
| 13        | 11.079      | 1633          | 1639        | 1649         | rBV      | 337529         | 436716        | 17.24%          | 3.324%        |
| 14        | 11.305      | 1671          | 1676        | 1683         | rBV      | 53069          | 65352         | 2.58%           | 0.497%        |
| 15        | 11.378      | 1683          | 1688        | 1696         | rVV      | 382250         | 626895        | 24.74%          | 4.772%        |
| 16        | 11.451      | 1696          | 1700        | 1713         | rVB      | 164083         | 199103        | 7.86%           | 1.516%        |
| 17        | 11.610      | 1721          | 1726        | 1735         | rBV      | 146896         | 184082        | 7.26%           | 1.401%        |
| 18        | 11.750      | 1744          | 1749        | 1756         | rBV      | 626867         | 747775        | 29.51%          | 5.692%        |
| 19        | 12.018      | 1788          | 1793        | 1800         | rBV      | 460128         | 584129        | 23.05%          | 4.446%        |
| 20        | 12.085      | 1800          | 1804        | 1810         | rVB      | 162971         | 202579        | 7.99%           | 1.542%        |
| 21        | 12.244      | 1823          | 1830        | 1838         | rBV2     | 152340         | 230977        | 9.12%           | 1.758%        |
| 22        | 12.317      | 1838          | 1842        | 1851         | rVB3     | 53763          | 81154         | 3.20%           | 0.618%        |
| 23        | 12.530      | 1872          | 1877        | 1879         | rBV      | 30806          | 39451         | 1.56%           | 0.300%        |
| 24        | 12.555      | 1879          | 1881        | 1886         | rVB      | 27172          | 28646         | 1.13%           | 0.218%        |
| 25        | 12.616      | 1886          | 1891        | 1894         | rBV      | 44100          | 57687         | 2.28%           | 0.439%        |
| 26        | 12.701      | 1900          | 1905        | 1916         | rVB2     | 23938          | 37866         | 1.49%           | 0.288%        |
| 27        | 12.920      | 1936          | 1941        | 1944         | rBV      | 24590          | 28879         | 1.14%           | 0.220%        |
| 28        | 12.963      | 1944          | 1948        | 1953         | rVB      | 37950          | 46285         | 1.83%           | 0.352%        |
| 29        | 13.170      | 1974          | 1982        | 1986         | rBV      | 28860          | 37405         | 1.48%           | 0.285%        |
| 30        | 13.292      | 1997          | 2002        | 2007         | rVB3     | 54812          | 73375         | 2.90%           | 0.559%        |
| 31        | 13.774      | 2075          | 2081        | 2090         | rBV      | 110845         | 135498        | 5.35%           | 1.031%        |
| 32        | 14.633      | 2217          | 2222        | 2232         | rVB      | 24197          | 33064         | 1.30%           | 0.252%        |

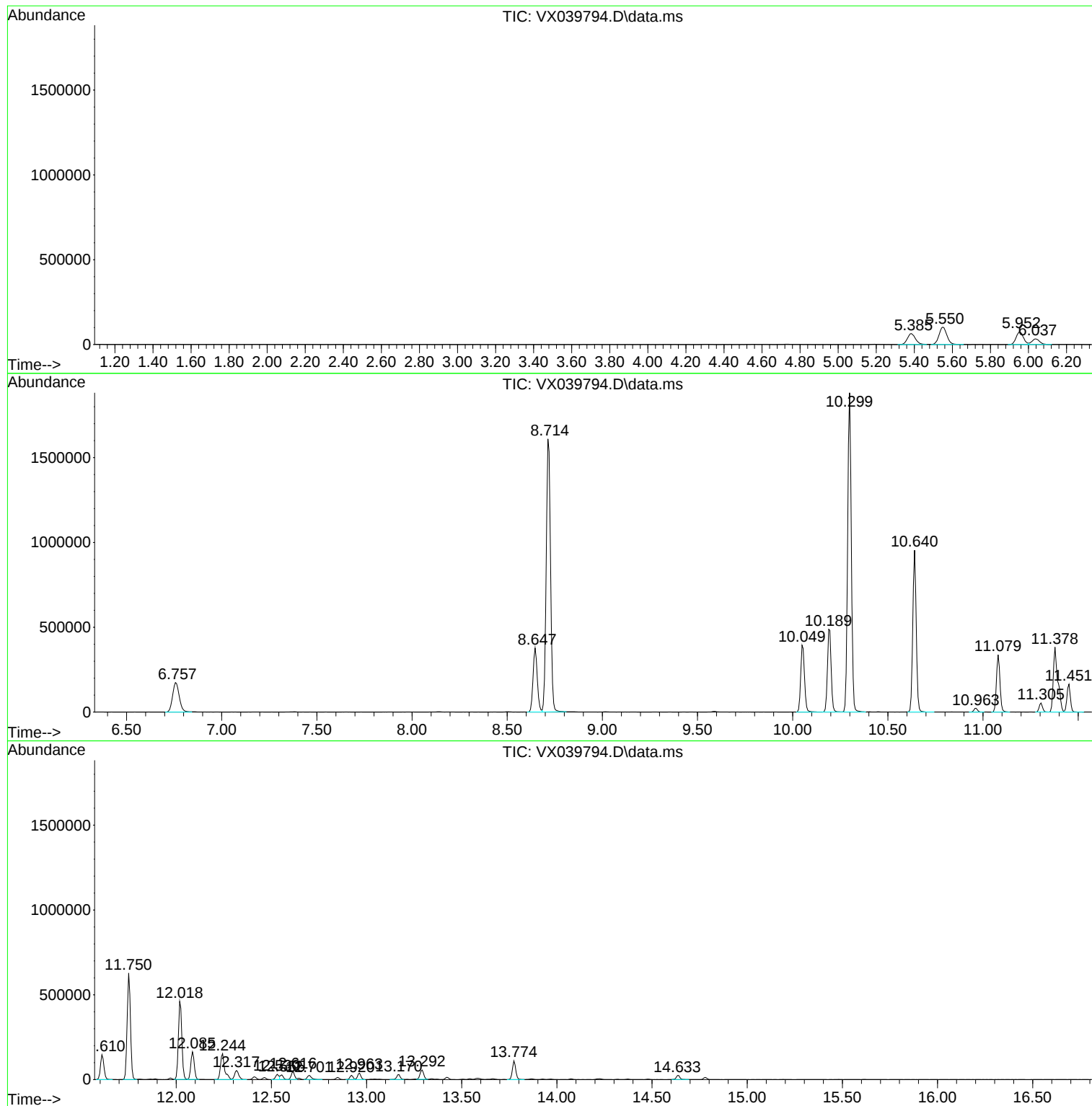
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Sample : P1152-01 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
A2421

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

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



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MSVOA\_X  
ClientSampleId :  
A2421

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

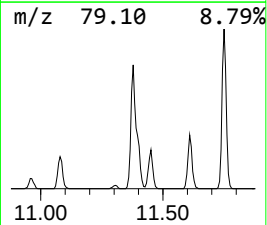
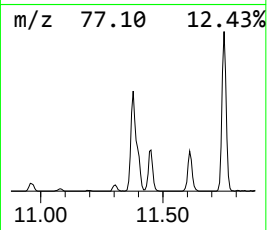
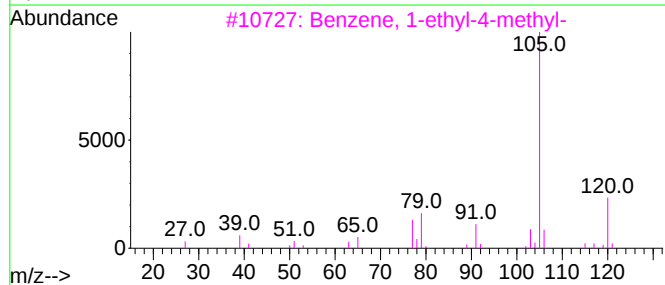
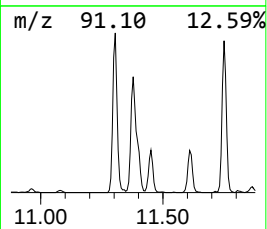
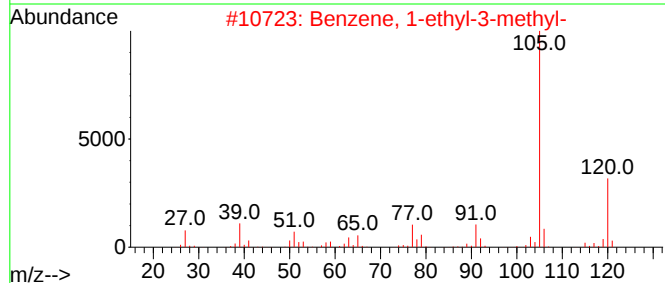
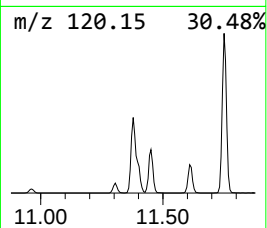
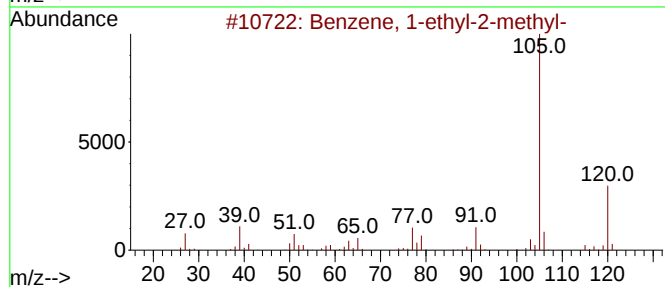
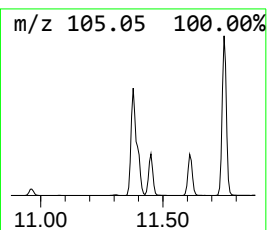
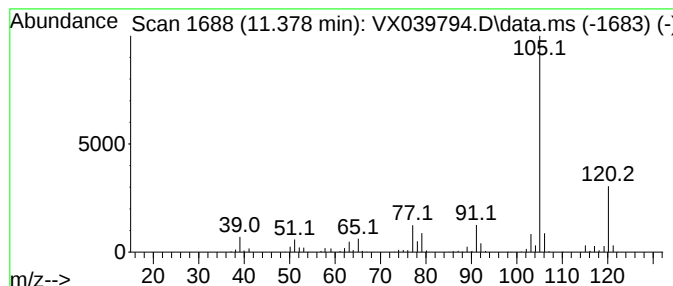
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.378 | 53.66 ug/l | 626895 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



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Sample : P1152-01 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
A2421

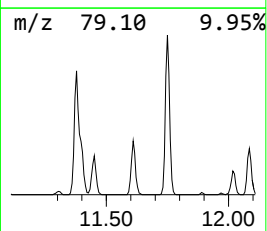
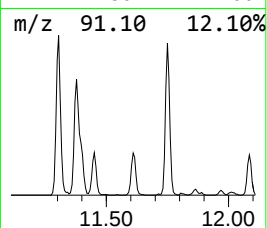
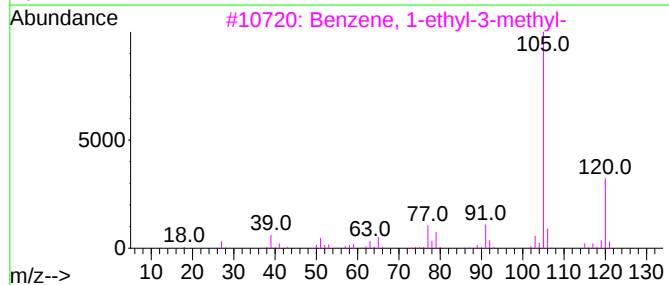
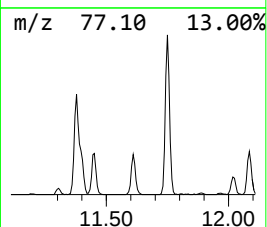
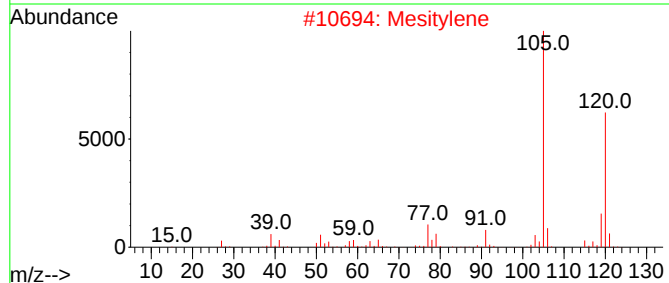
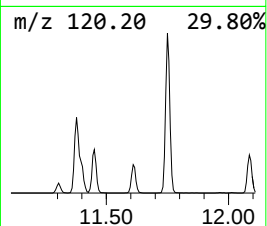
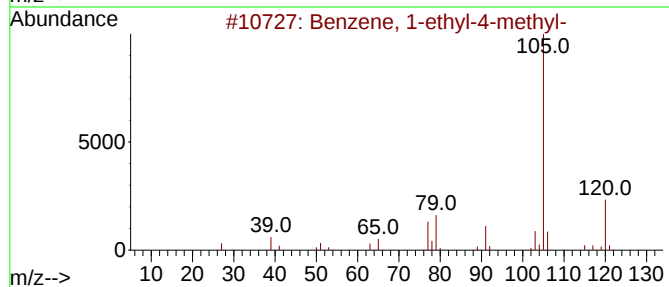
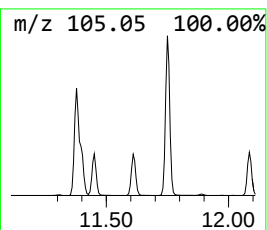
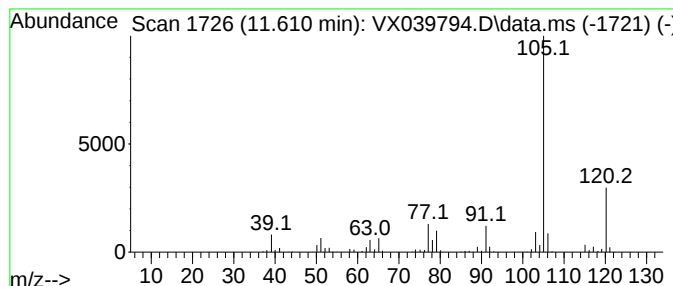
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

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 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.610 | 15.76 ug/l | 184082 | 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 | 93   |
| 2    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 4    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



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Operator : JC/MD  
Sample : P1152-01 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
A2421

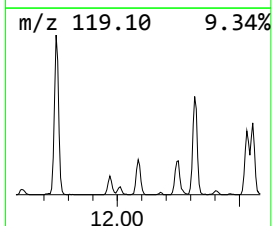
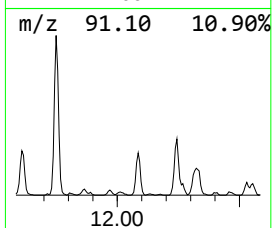
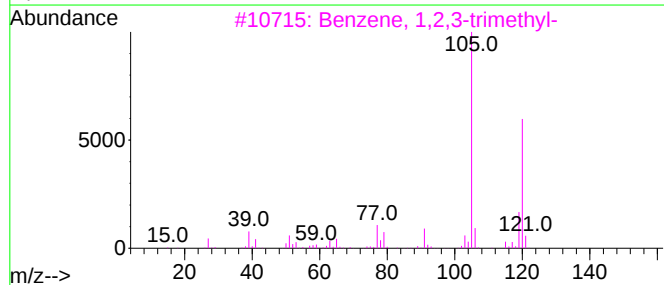
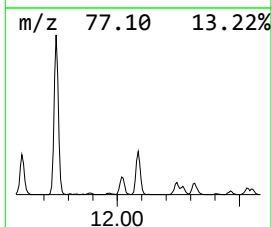
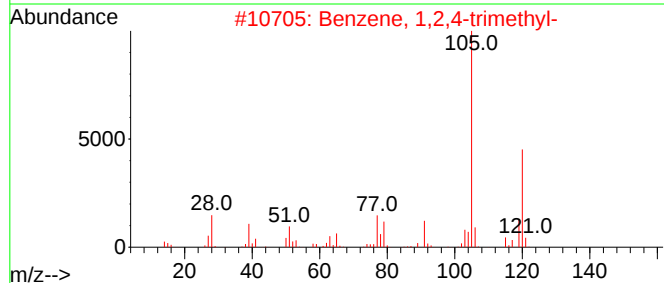
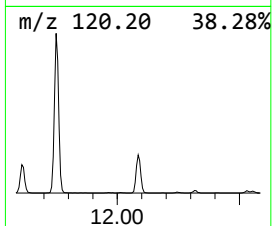
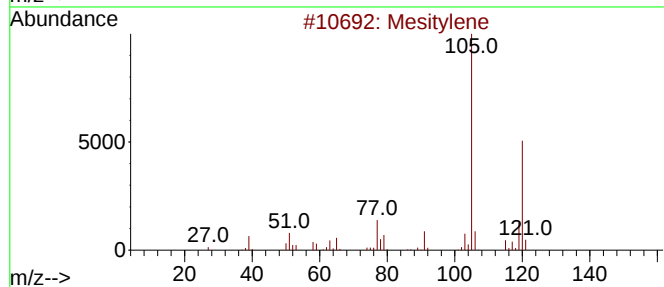
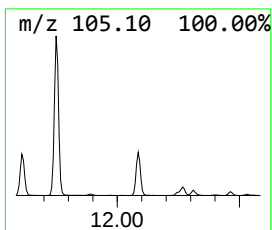
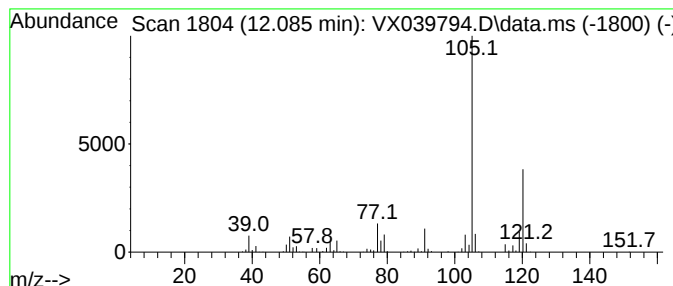
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.085 | 17.34 ug/l | 202579 | 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, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 87   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
A2421

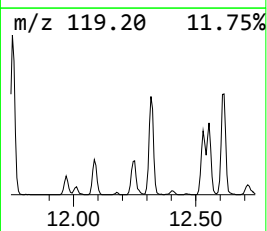
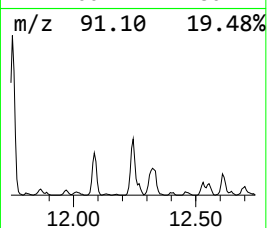
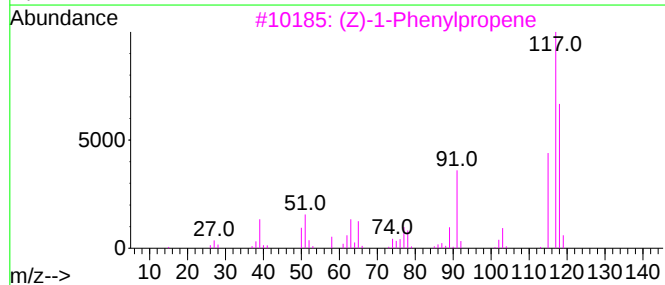
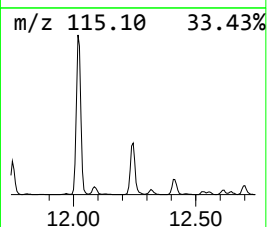
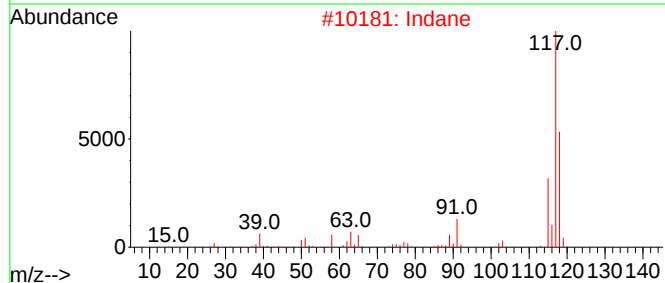
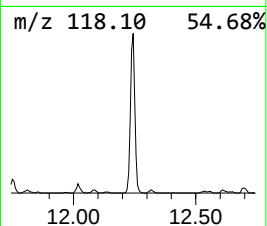
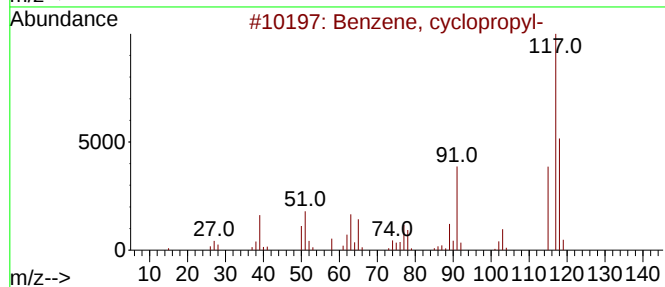
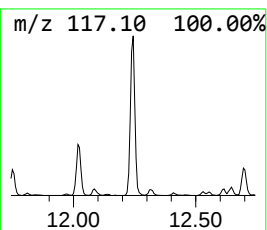
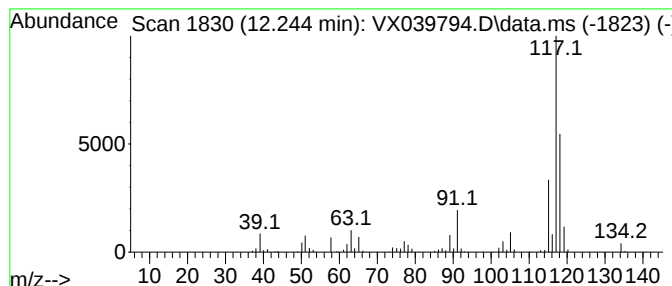
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Benzene, cyclopropyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.244 | 19.77 ug/l | 230977 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, cyclopropyl- | 118 | C9H10   | 000873-49-4 | 76   |
| 2    |    |   | Indane                | 118 | C9H10   | 000496-11-7 | 76   |
| 3    |    |   | (Z)-1-Phenylpropene   | 118 | C9H10   | 000766-90-5 | 76   |
| 4    |    |   | Benzene, 2-propenyl-  | 118 | C9H10   | 000300-57-2 | 76   |
| 5    |    |   | Deltacyclene          | 118 | C9H10   | 007785-10-6 | 58   |



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Instrument :  
MSVOA\_X  
ClientSampleId :  
A2421

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

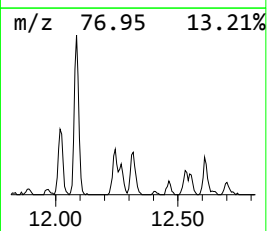
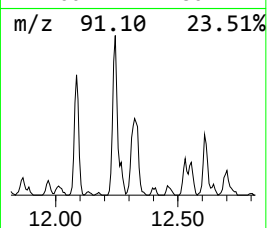
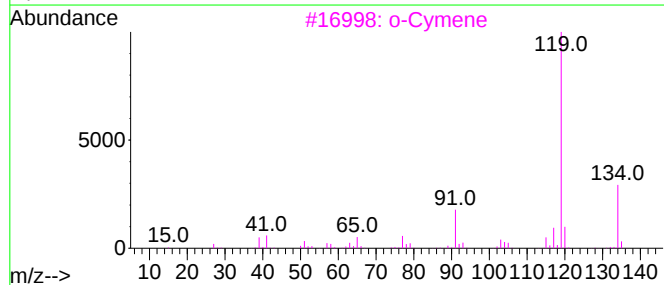
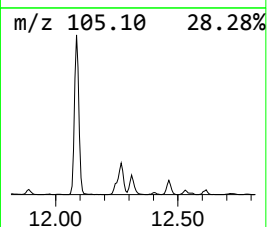
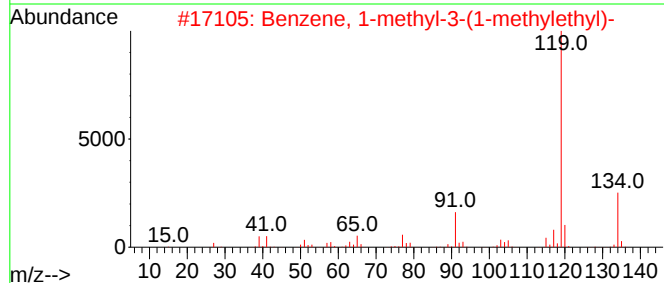
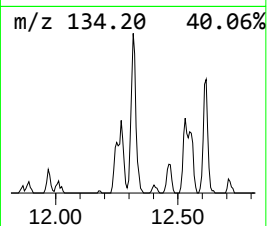
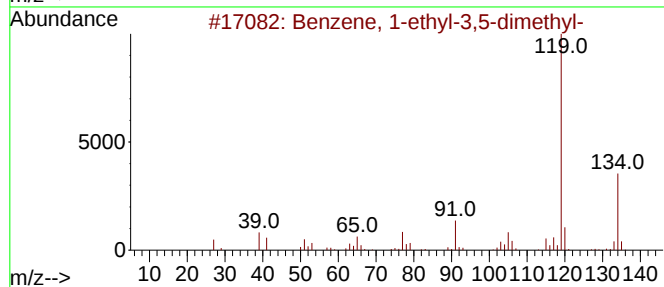
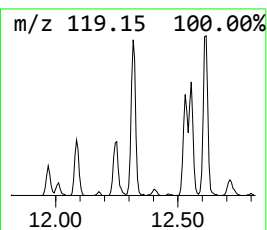
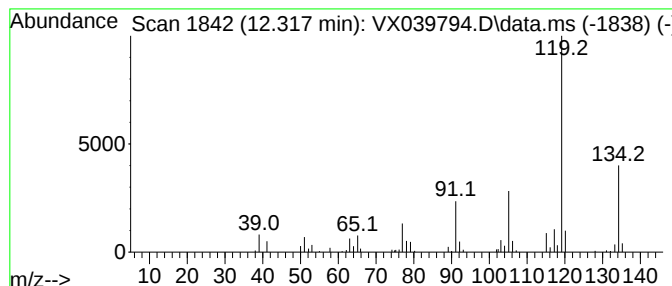
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.317 | 6.95 ug/l | 81154 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3,5-dimethyl-       | 134 | C10H14  | 000934-74-7 | 94   |
| 2    |    |   | Benzene, 1-methyl-3-(1-methylethyl)- | 134 | C10H14  | 000535-77-3 | 94   |
| 3    |    |   | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 93   |
| 4    |    |   | Benzene, 1,2,3,4-tetramethyl-        | 134 | C10H14  | 000488-23-3 | 91   |
| 5    |    |   | Benzene, 2-ethyl-1,4-dimethyl-       | 134 | C10H14  | 001758-88-9 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011724\  
Data File : VX039794.D  
Acq On : 17 Jan 2024 12:07  
Operator : JC/MD  
Sample : P1152-01 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
A2421

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

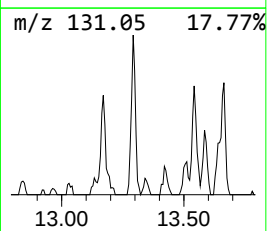
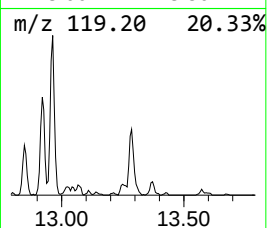
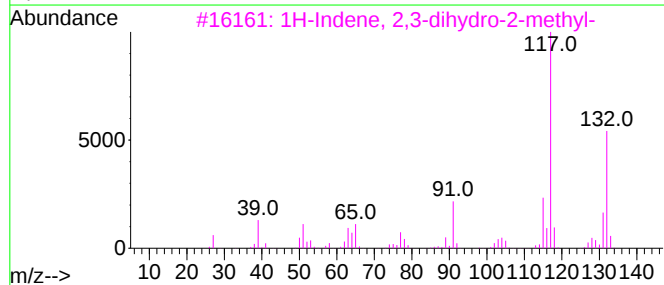
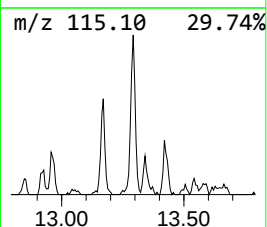
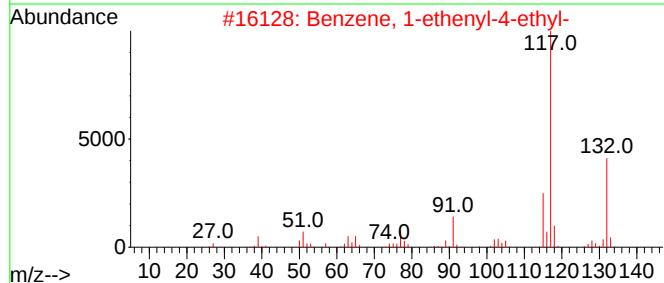
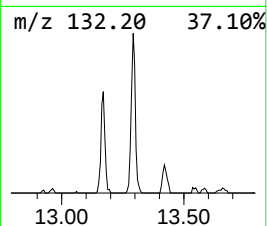
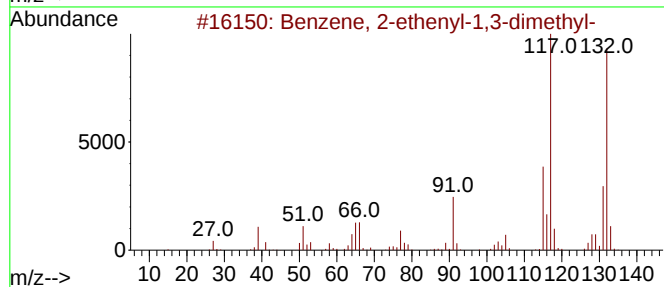
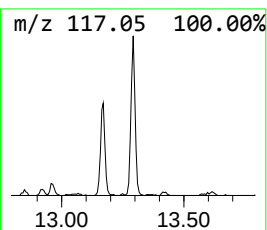
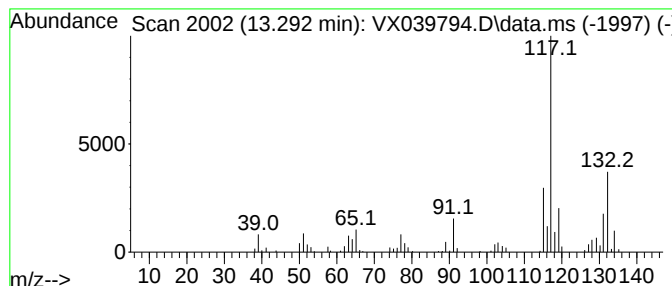
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.292 | 6.28 ug/l | 73375 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12  | 002039-90-9 | 90   |
| 2    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 89   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12  | 000824-63-5 | 81   |
| 4    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 78   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011724\  
Data File : VX039794.D  
Acq On : 17 Jan 2024 12:07  
Operator : JC/MD  
Sample : P1152-01 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
A2421

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.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 | 53.7    | ug/l  | 626895   | 4                     | 12.024 | 584129 | 50.0 |
| Benzene, 1-ethy... | 11.610 | 15.8    | ug/l  | 184082   | 4                     | 12.024 | 584129 | 50.0 |
| Benzene, 1-ethy... | 12.085 | 17.3    | ug/l  | 202579   | 4                     | 12.024 | 584129 | 50.0 |
| Benzene, cyclop... | 12.244 | 19.8    | ug/l  | 230977   | 4                     | 12.024 | 584129 | 50.0 |
| Benzene, 1-ethy... | 12.317 | 7.0     | ug/l  | 81154    | 4                     | 12.024 | 584129 | 50.0 |
| Benzene, 2-ethe... | 13.292 | 6.3     | ug/l  | 73375    | 4                     | 12.024 | 584129 | 50.0 |