

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
 Data File : VX011529.D  
 Acq On : 13 Aug 2019 12:34  
 Operator : JC/SP  
 Sample : K4279-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0670

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\82X080119W.M  
 Title : SW846 8260

Signal : TIC

| 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         | 4.397       | 522           | 532         | 547          | rBV2     | 120111         | 355008        | 1.21%           | 0.532%        |
| 2         | 5.494       | 700           | 712         | 718          | rBV      | 109057         | 307843        | 1.05%           | 0.462%        |
| 3         | 5.574       | 718           | 725         | 732          | rVV      | 156299         | 485635        | 1.66%           | 0.728%        |
| 4         | 5.659       | 732           | 739         | 757          | rVB      | 199159         | 579154        | 1.97%           | 0.868%        |
| 5         | 6.153       | 808           | 820         | 832          | rVB      | 11016679       | 29331671      | 100.00%         | 43.982%       |
| 6         | 6.854       | 926           | 935         | 946          | rBV      | 293210         | 675455        | 2.30%           | 1.013%        |
| 7         | 7.458       | 1024          | 1034        | 1047         | rVB      | 249461         | 551790        | 1.88%           | 0.827%        |
| 8         | 8.713       | 1234          | 1240        | 1246         | rVB      | 570491         | 880583        | 3.00%           | 1.320%        |
| 9         | 10.110      | 1456          | 1469        | 1473         | rBV      | 605754         | 833464        | 2.84%           | 1.250%        |
| 10        | 10.250      | 1486          | 1492        | 1498         | rBV      | 7804331        | 10085557      | 34.38%          | 15.123%       |
| 11        | 10.353      | 1503          | 1509        | 1516         | rVB      | 832086         | 1149574       | 3.92%           | 1.724%        |
| 12        | 11.018      | 1613          | 1618        | 1625         | rVB      | 1055319        | 1364285       | 4.65%           | 2.046%        |
| 13        | 11.134      | 1630          | 1637        | 1643         | rBV      | 558539         | 745324        | 2.54%           | 1.118%        |
| 14        | 11.359      | 1669          | 1674        | 1679         | rBV      | 1170342        | 1526081       | 5.20%           | 2.288%        |
| 15        | 11.432      | 1679          | 1686        | 1688         | rVV2     | 196205         | 320918        | 1.09%           | 0.481%        |
| 16        | 11.506      | 1692          | 1698        | 1703         | rVB      | 614858         | 799847        | 2.73%           | 1.199%        |
| 17        | 11.664      | 1714          | 1724        | 1728         | rBV      | 1031224        | 1334678       | 4.55%           | 2.001%        |
| 18        | 11.804      | 1743          | 1747        | 1751         | rVB      | 310032         | 358332        | 1.22%           | 0.537%        |
| 19        | 12.073      | 1786          | 1791        | 1796         | rVV      | 661093         | 846649        | 2.89%           | 1.270%        |
| 20        | 12.140      | 1797          | 1802        | 1807         | rVB      | 1433341        | 1687867       | 5.75%           | 2.531%        |
| 21        | 12.298      | 1822          | 1828        | 1833         | rVV      | 1532112        | 1909105       | 6.51%           | 2.863%        |
| 22        | 12.365      | 1835          | 1839        | 1847         | rVV2     | 294939         | 510732        | 1.74%           | 0.766%        |
| 23        | 12.457      | 1850          | 1854        | 1859         | rVB2     | 256348         | 336601        | 1.15%           | 0.505%        |
| 24        | 12.518      | 1859          | 1864        | 1869         | rBV      | 554037         | 684629        | 2.33%           | 1.027%        |
| 25        | 12.664      | 1882          | 1888        | 1891         | rBV      | 680250         | 799201        | 2.72%           | 1.198%        |
| 26        | 12.755      | 1897          | 1903        | 1915         | rVB2     | 568010         | 990417        | 3.38%           | 1.485%        |
| 27        | 12.902      | 1921          | 1927        | 1932         | rVB2     | 329183         | 447127        | 1.52%           | 0.670%        |
| 28        | 12.975      | 1932          | 1939        | 1943         | rBV      | 432033         | 540071        | 1.84%           | 0.810%        |
| 29        | 13.341      | 1995          | 1999        | 2005         | rVB2     | 1388363        | 1884546       | 6.42%           | 2.826%        |
| 30        | 13.475      | 2016          | 2021        | 2028         | rVB      | 748042         | 898965        | 3.06%           | 1.348%        |
| 31        | 13.828      | 2071          | 2079        | 2088         | rVB      | 1663677        | 2271507       | 7.74%           | 3.406%        |
| 32        | 14.286      | 2140          | 2154        | 2161         | rBV      | 163236         | 305912        | 1.04%           | 0.459%        |
| 33        | 14.694      | 2213          | 2221        | 2225         | rBV      | 318978         | 400046        | 1.36%           | 0.600%        |
| 34        | 14.834      | 2239          | 2244        | 2250         | rBV      | 377239         | 491826        | 1.68%           | 0.737%        |

## LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
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Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

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\82X080119W.M  
Title : SW846 8260

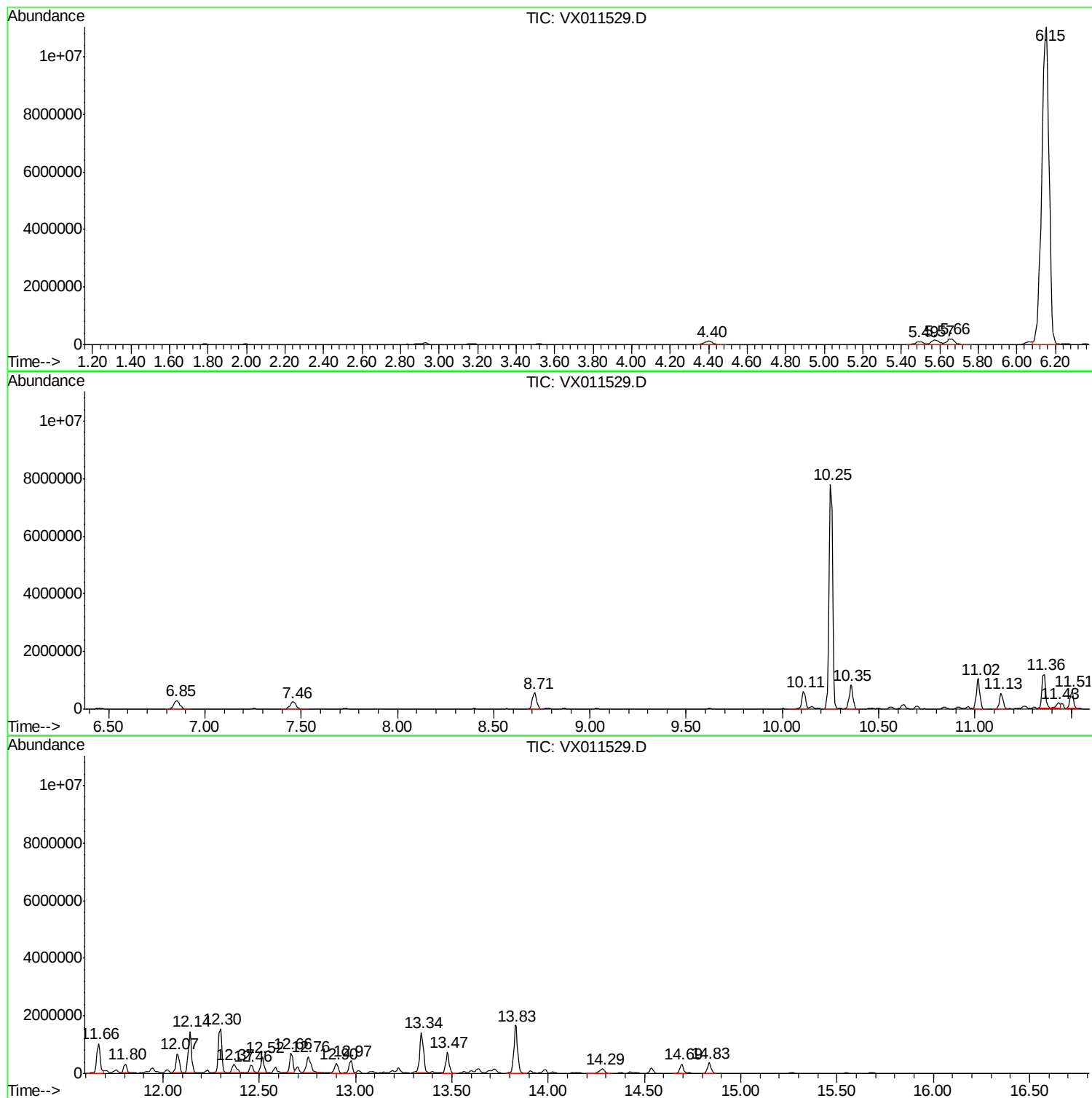
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
Data File : VX011529.D  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
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Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

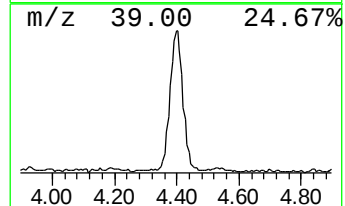
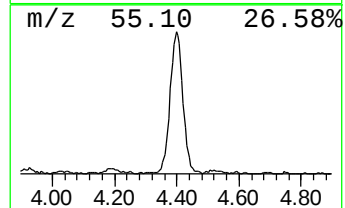
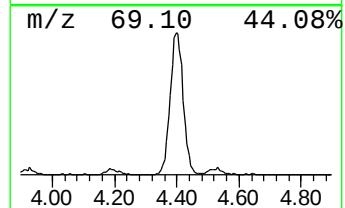
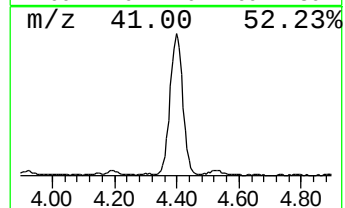
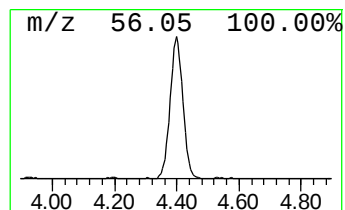
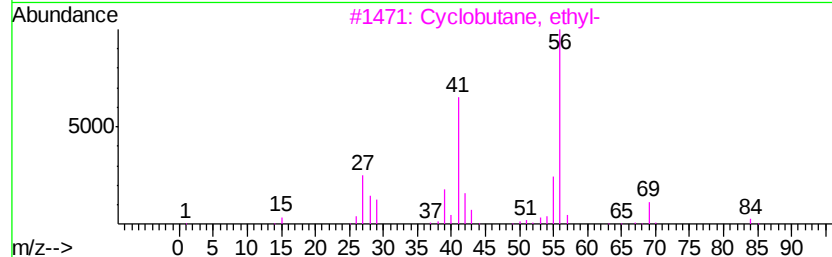
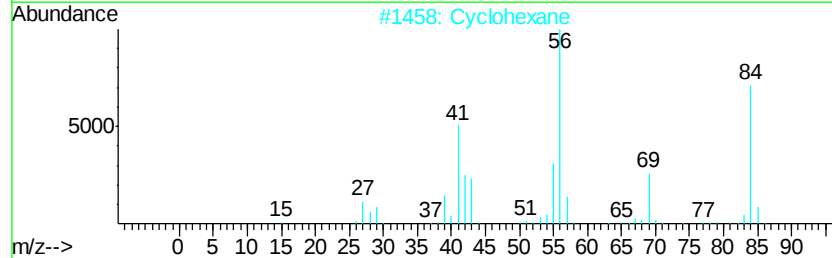
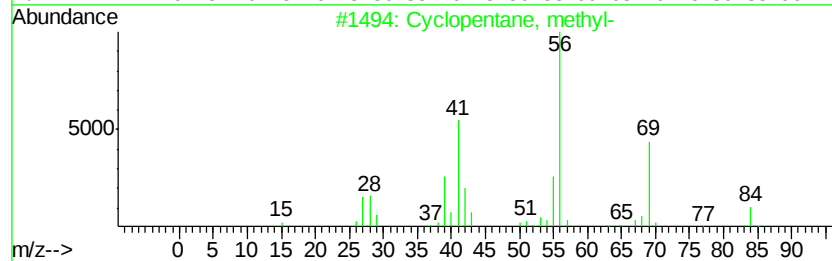
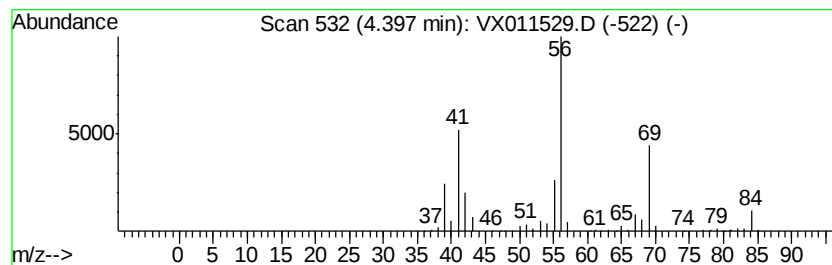
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclopentane, methyl- Concentration Rank 10

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 4.40 | 30.65 ug/l | 355008 | Pentafluorobenzene | 5.66 |

| Hit# | of | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|-------------------------|----|---------|-------------|------|
| 1    | 5  | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 91   |
| 2    |    | Cyclohexane             | 84 | C6H12   | 000110-82-7 | 78   |
| 3    |    | Cyclobutane, ethyl-     | 84 | C6H12   | 004806-61-5 | 72   |
| 4    |    | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4  | 004076-36-2 | 56   |
| 5    |    | Cyclobutane             | 56 | C4H8    | 000287-23-0 | 50   |



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Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0670

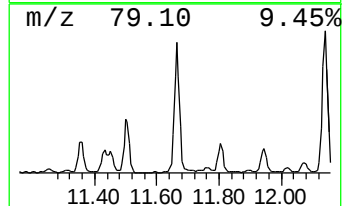
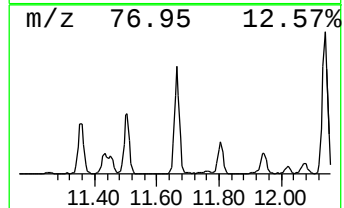
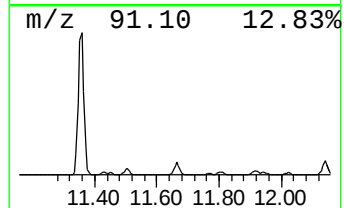
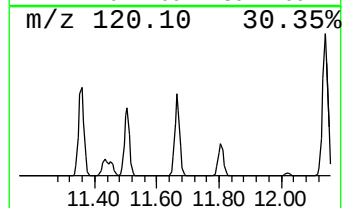
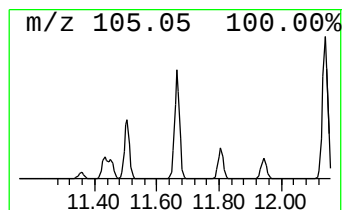
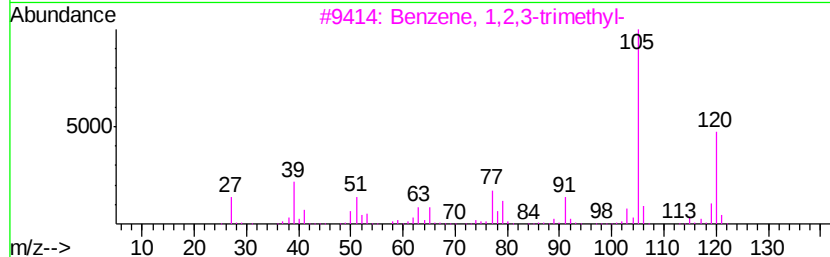
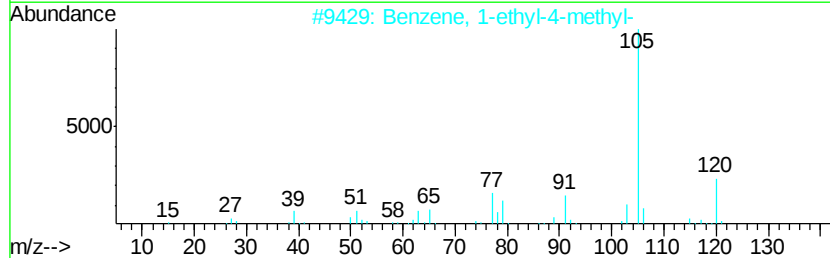
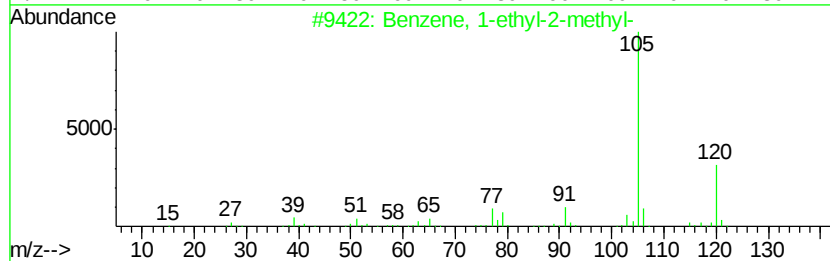
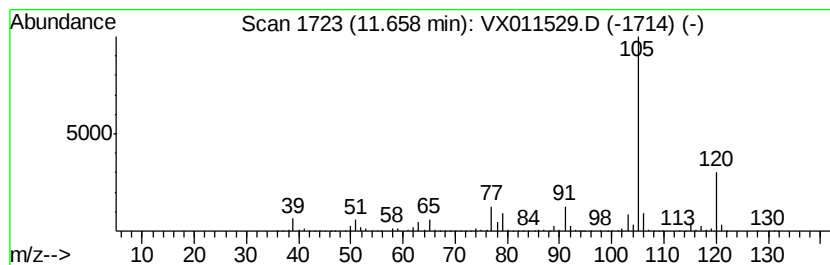
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

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

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

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 11.66 | 78.82 ug/l | 1334680 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 2    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 3    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 90   |
| 4    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |
| 5    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |



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Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

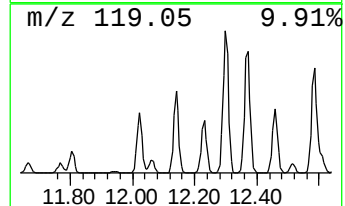
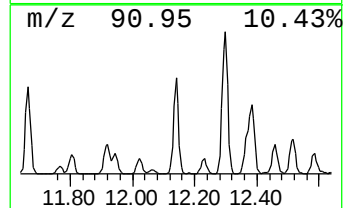
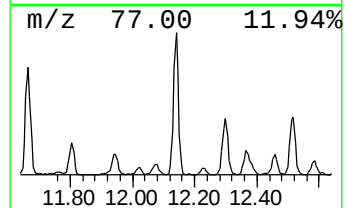
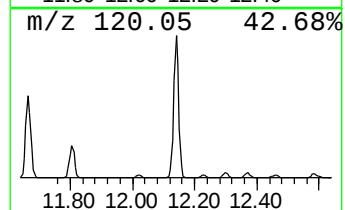
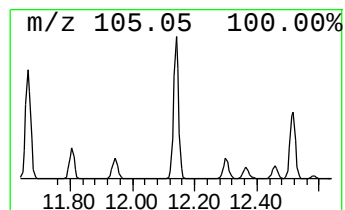
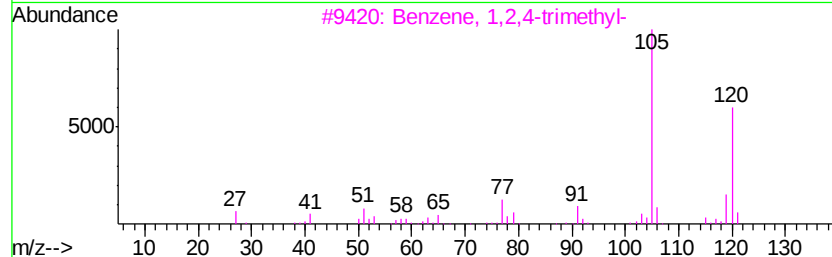
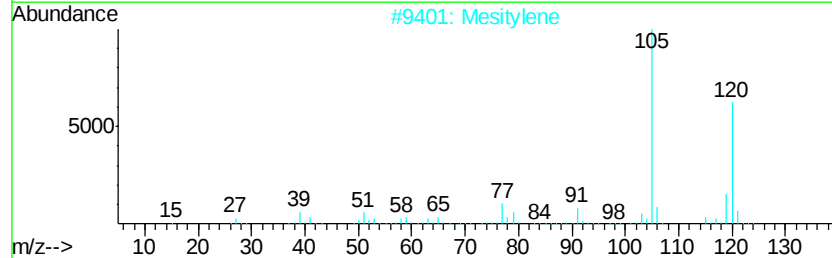
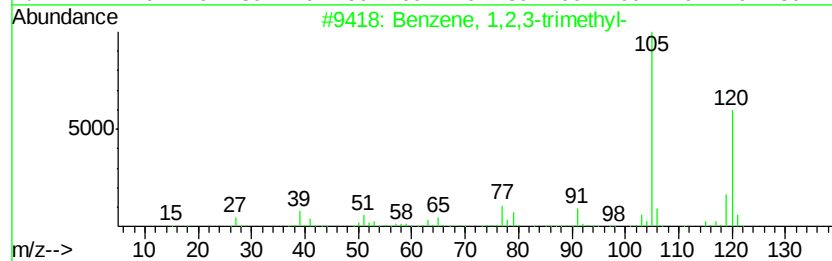
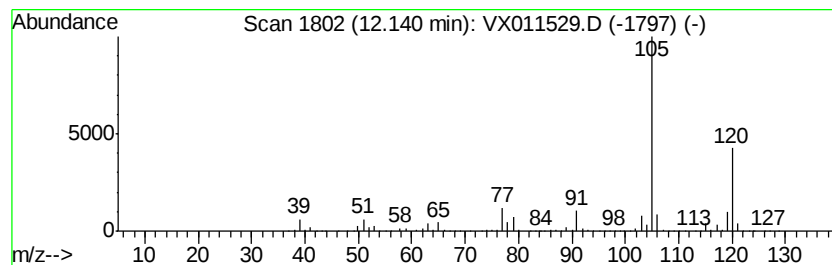
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.14 | 99.68 ug/l | 1687870 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 94   |
| 3    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 4    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |
| 5    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |



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Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

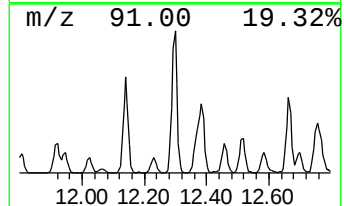
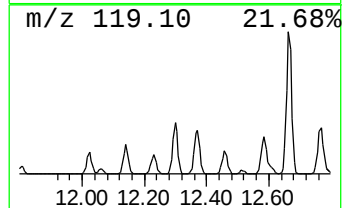
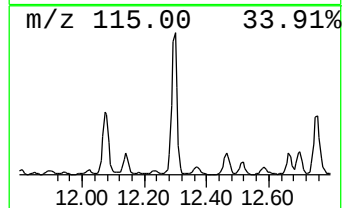
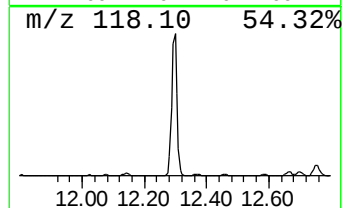
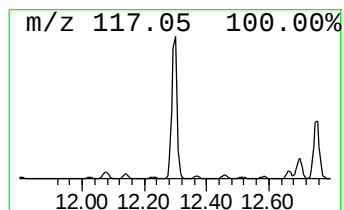
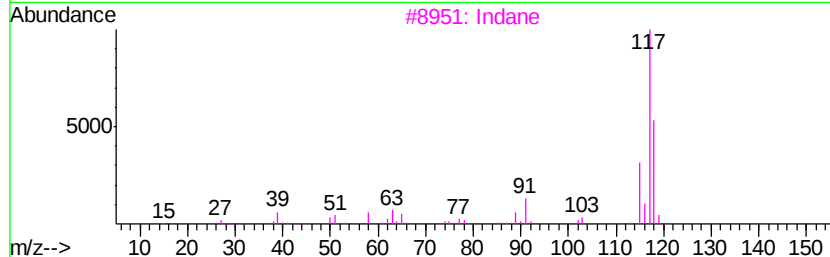
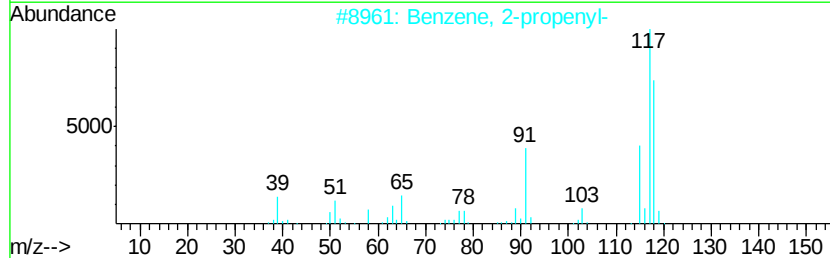
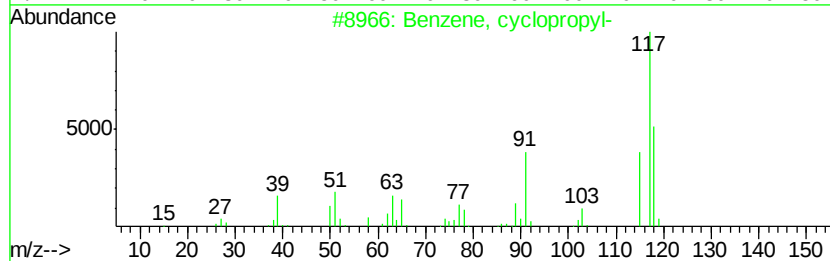
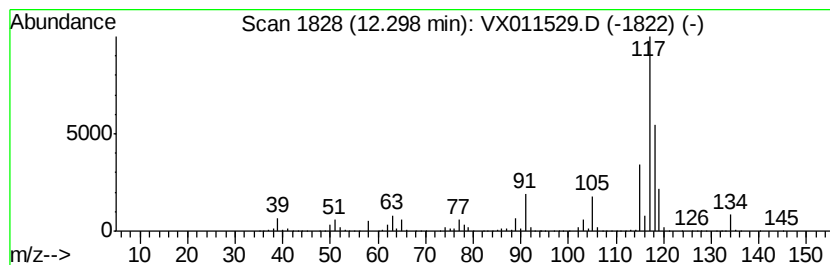
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Benzene, cyclopropyl- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 12.30 | 112.75 ug/l | 1909110 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, cvclopropyl- | 118 | C9H10   | 000873-49-4 | 70   |
| 2    |    | Benzene, 2-propenyl-  | 118 | C9H10   | 000300-57-2 | 70   |
| 3    |    | Indane                | 118 | C9H10   | 000496-11-7 | 70   |
| 4    |    | Deltacyclene          | 118 | C9H10   | 007785-10-6 | 52   |
| 5    |    | Benzene, 1-propenyl-  | 118 | C9H10   | 000637-50-3 | 50   |



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MSVOA\_X  
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Z3-0670

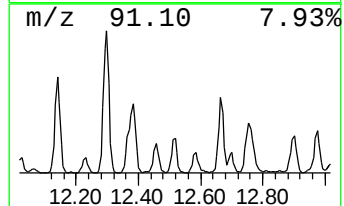
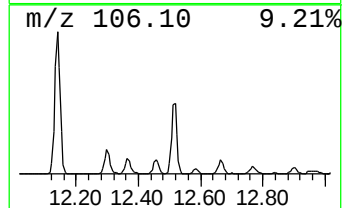
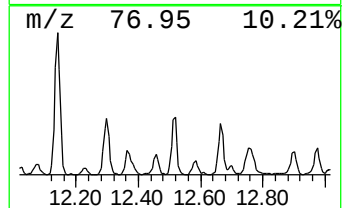
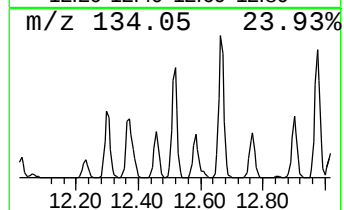
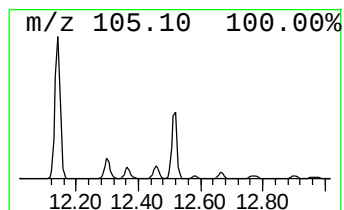
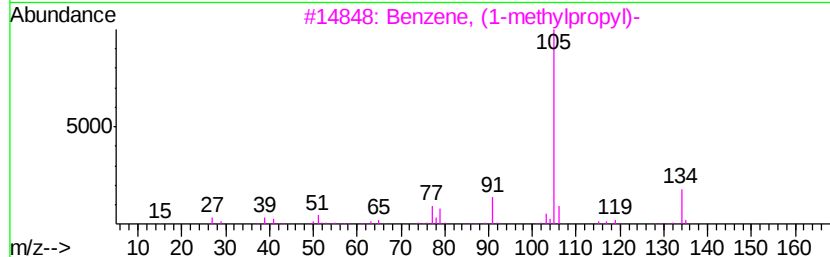
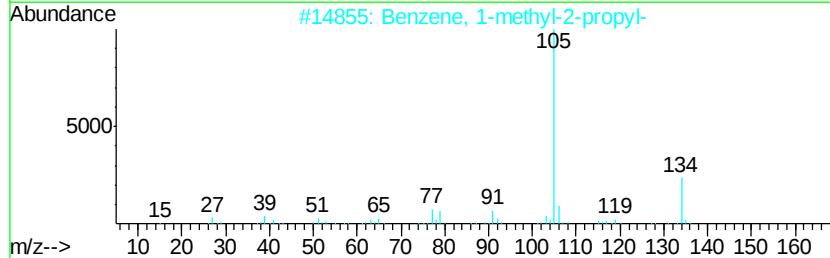
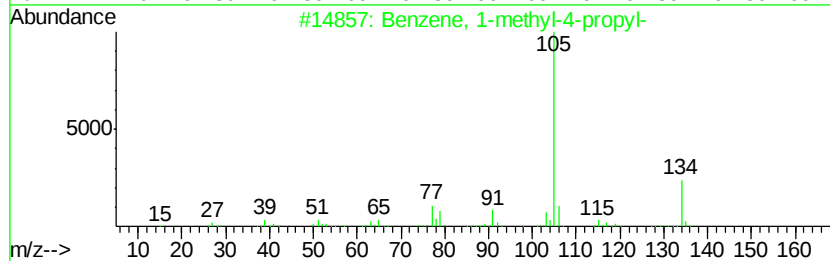
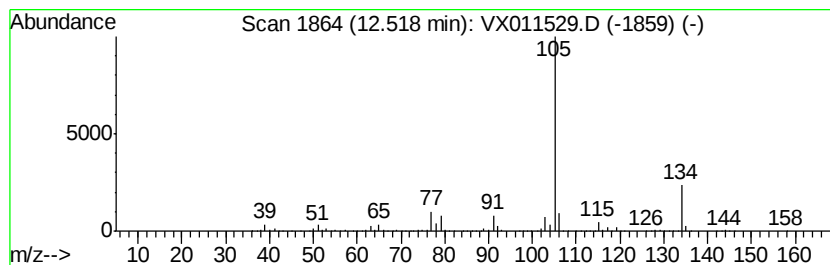
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.52 | 40.43 ug/l | 684629 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-4-propyl-         | 134 | C10H14  | 001074-55-1 | 94   |
| 2    |    | Benzene, 1-methyl-2-propyl-         | 134 | C10H14  | 001074-17-5 | 91   |
| 3    |    | Benzene, (1-methylpropyl)-          | 134 | C10H14  | 000135-98-8 | 91   |
| 4    |    | Benzene, 1-methyl-3-propyl-         | 134 | C10H14  | 001074-43-7 | 87   |
| 5    |    | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 80   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
Data File : VX011529.D  
Acq On : 13 Aug 2019 12:34  
Operator : JC/SP  
Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

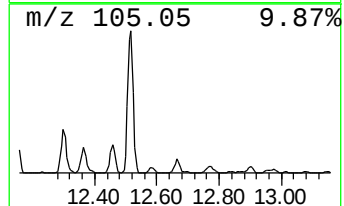
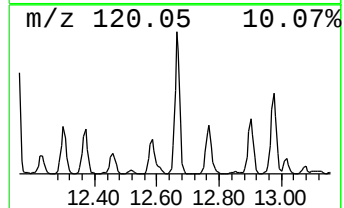
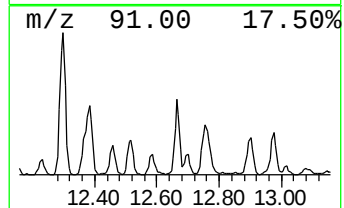
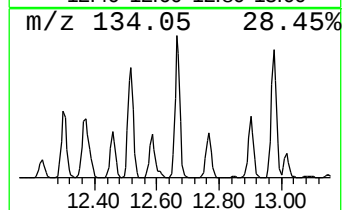
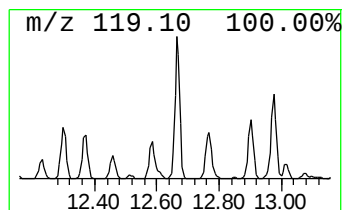
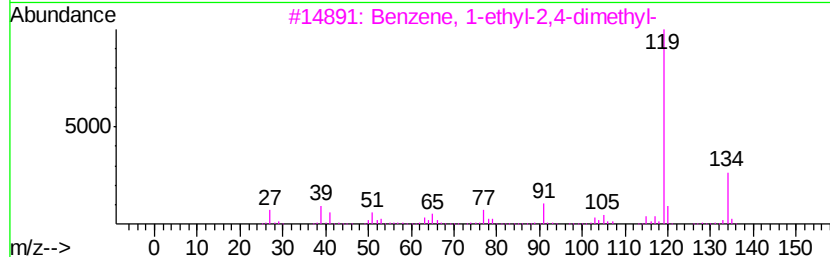
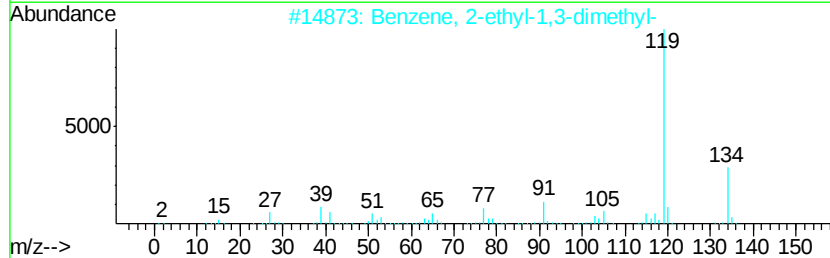
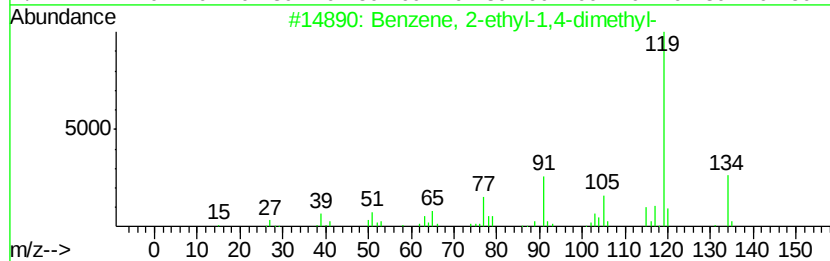
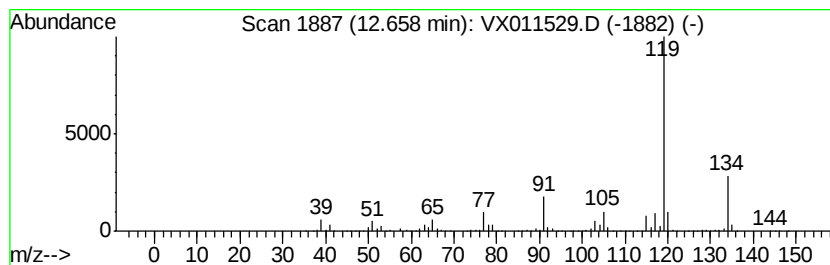
Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

| R.T.    | EstConc                        | Area         | Relative to ISTD       | R.T.      |
|---------|--------------------------------|--------------|------------------------|-----------|
| 12.66   | 47.20 ug/l                     | 799201       | 1,4-Dichlorobenzene-d4 | 12.08     |
| Hit# of | 5                              | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Benzene, 2-ethyl-1,4-dimethyl- | 134 C10H14   | 001758-88-9            | 96        |
| 2       | Benzene, 2-ethyl-1,3-dimethyl- | 134 C10H14   | 002870-04-4            | 95        |
| 3       | Benzene, 1-ethyl-2,4-dimethyl- | 134 C10H14   | 000874-41-9            | 95        |
| 4       | o-Cymene                       | 134 C10H14   | 000527-84-4            | 95        |
| 5       | Benzene, 1-ethyl-2,3-dimethyl- | 134 C10H14   | 000933-98-2            | 95        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
Data File : VX011529.D  
Acq On : 13 Aug 2019 12:34  
Operator : JC/SP  
Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

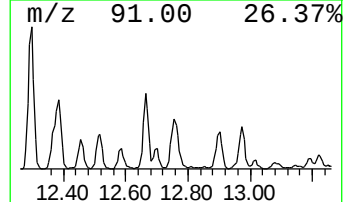
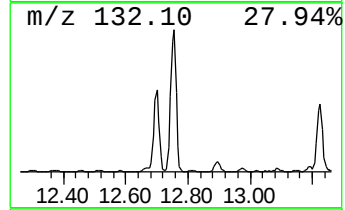
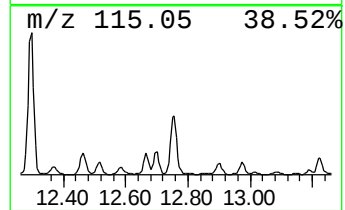
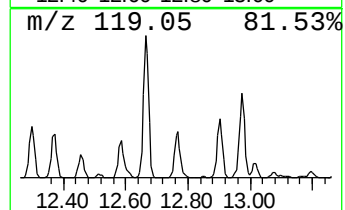
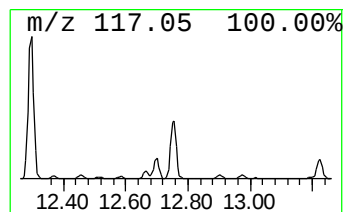
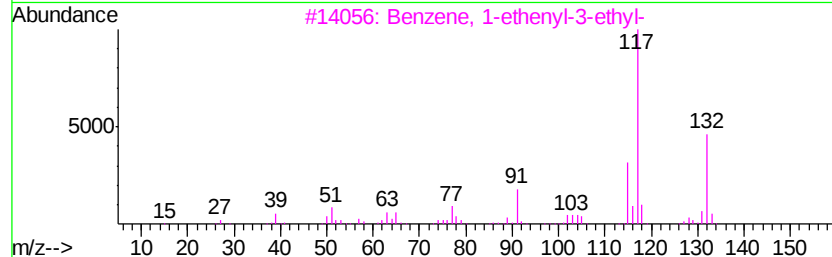
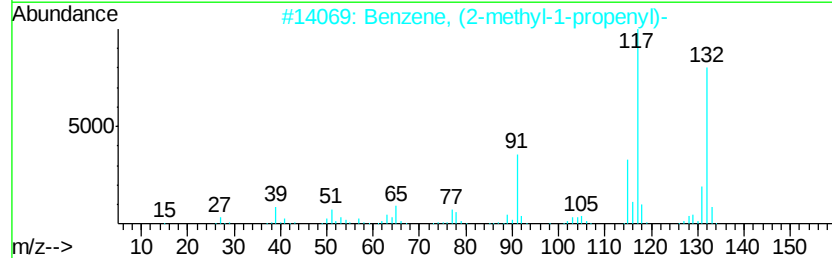
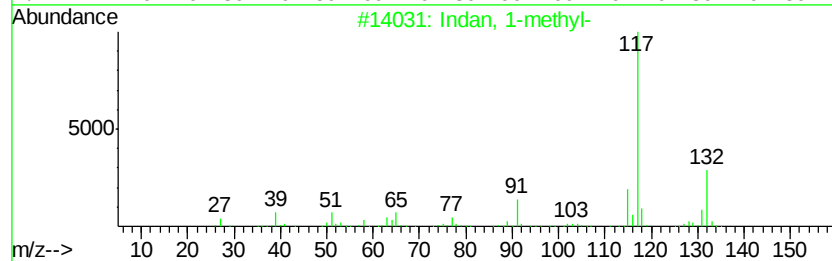
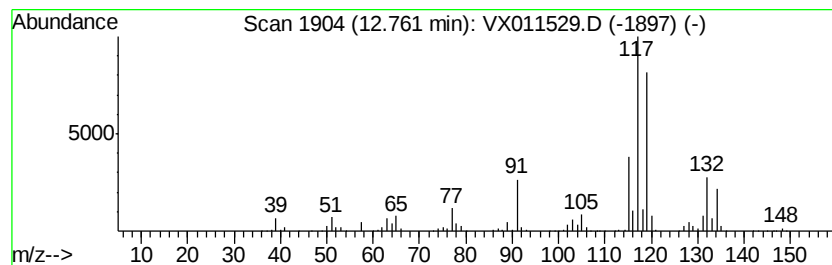
Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Indan, 1-methyl- Concentration Rank 5

| R.T.    | EstConc                           | Area         | Relative to ISTD       | R.T.         |    |
|---------|-----------------------------------|--------------|------------------------|--------------|----|
| 12.76   | 58.49 ug/l                        | 990417       | 1,4-Dichlorobenzene-d4 | 12.08        |    |
| Hit# of | 5                                 | Tentative ID | MW MolForm             | CAS# Qual    |    |
| 1       | Indan, 1-methyl-                  | 132          | C10H12                 | 000767-58-8  | 93 |
| 2       | Benzene, (2-methyl-1-propenyl)-   | 132          | C10H12                 | 000768-49-0  | 87 |
| 3       | Benzene, 1-ethenyl-3-ethyl-       | 132          | C10H12                 | 007525-62-4  | 81 |
| 4       | Benzene, 1-methyl-2-(2-propenyl)- | 132          | C10H12                 | 001587-04-8  | 81 |
| 5       | Benzene, (2-methylcyclopropyl)-   | 132          | C10H12                 | 1000327-39-0 | 76 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
Data File : VX011529.D  
Acq On : 13 Aug 2019 12:34  
Operator : JC/SP  
Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

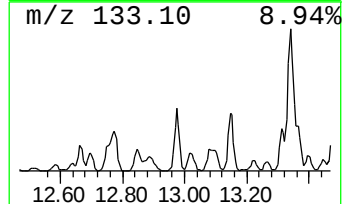
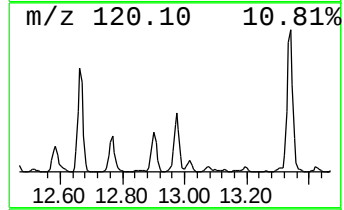
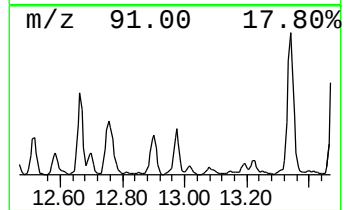
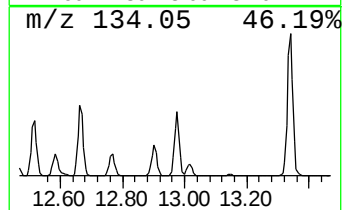
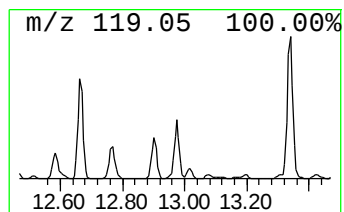
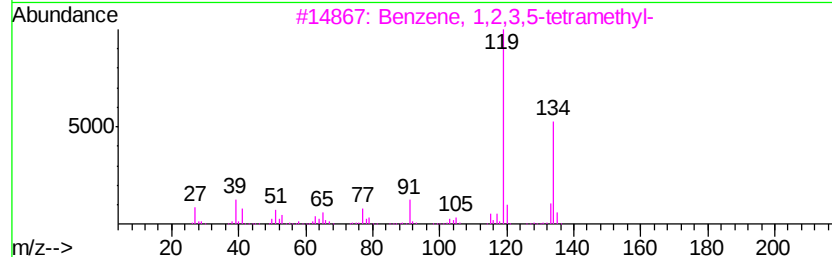
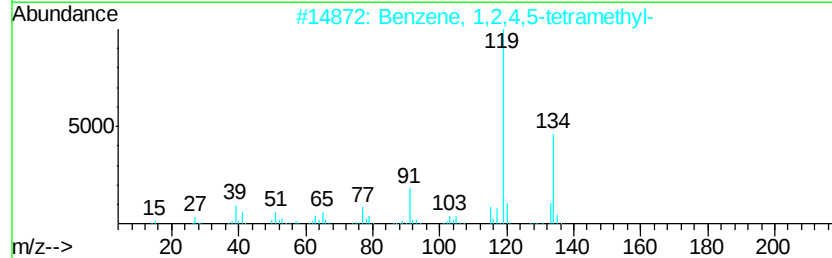
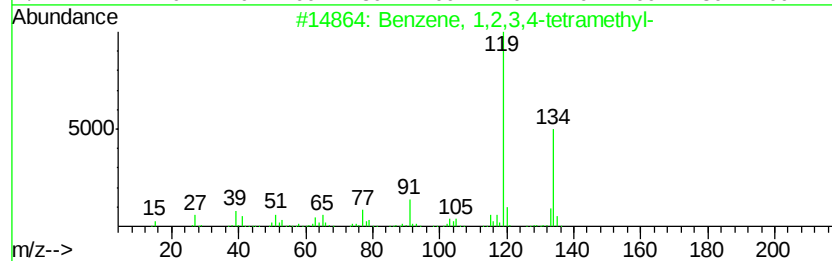
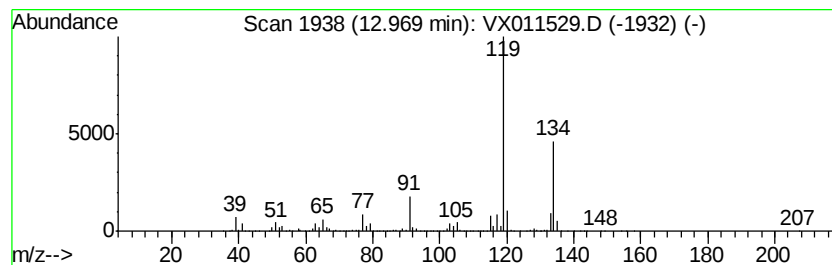
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.97 | 31.89 ug/l | 540071 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5                              | Tentative ID | MW     | MolForm     | CAS# | Qual |
|---------|--------------------------------|--------------|--------|-------------|------|------|
| 1       | Benzene, 1,2,3,4-tetramethyl-  | 134          | C10H14 | 000488-23-3 | 97   |      |
| 2       | Benzene, 1,2,4,5-tetramethyl-  | 134          | C10H14 | 000095-93-2 | 96   |      |
| 3       | Benzene, 1,2,3,5-tetramethyl-  | 134          | C10H14 | 000527-53-7 | 95   |      |
| 4       | o-Cymene                       | 134          | C10H14 | 000527-84-4 | 95   |      |
| 5       | Benzene, 2-ethyl-1,3-dimethyl- | 134          | C10H14 | 002870-04-4 | 93   |      |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
Data File : VX011529.D  
Acq On : 13 Aug 2019 12:34  
Operator : JC/SP  
Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

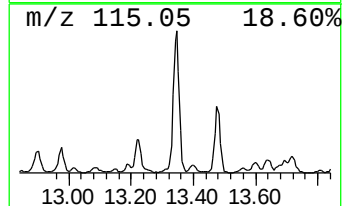
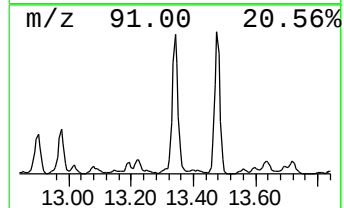
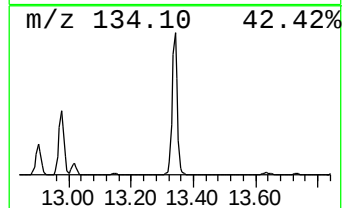
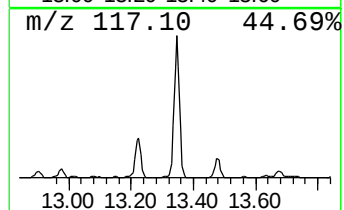
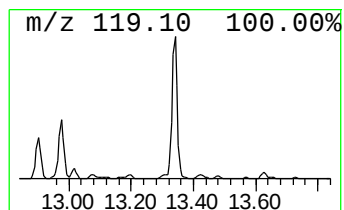
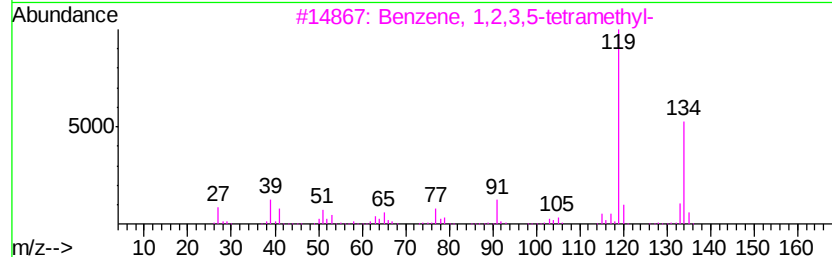
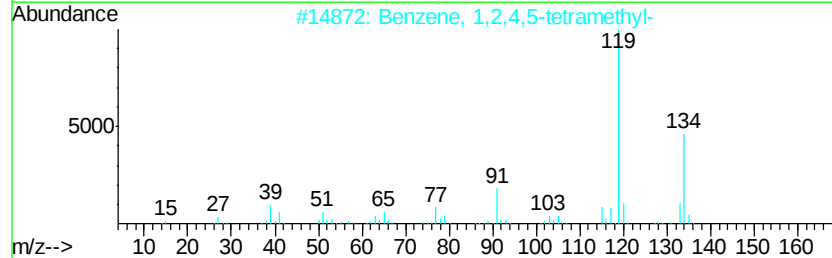
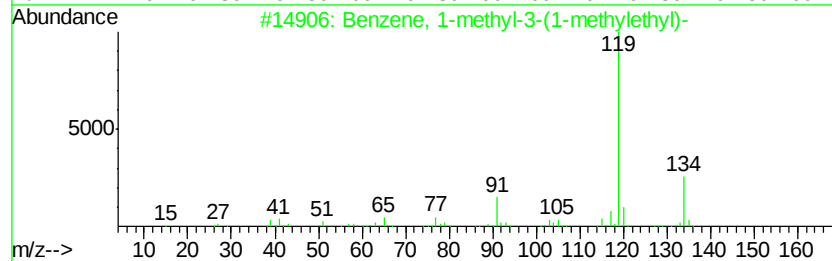
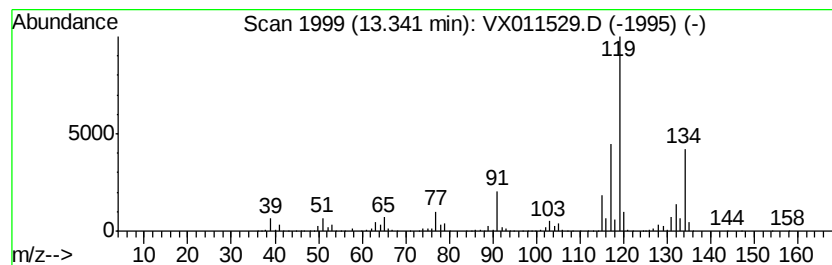
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 13.34 | 111.29 ug/l | 1884550 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 70   |
| 2    |    | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 70   |
| 3    |    | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 70   |
| 4    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 70   |
| 5    |    | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 62   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
Data File : VX011529.D  
Acq On : 13 Aug 2019 12:34  
Operator : JC/SP  
Sample : K4279-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0670

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260

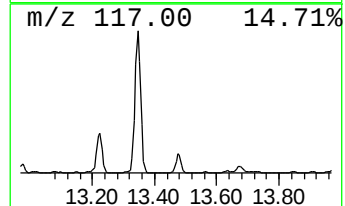
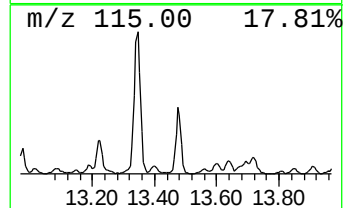
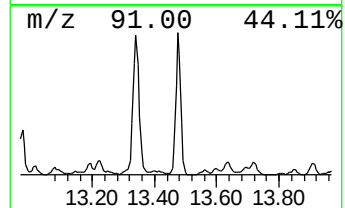
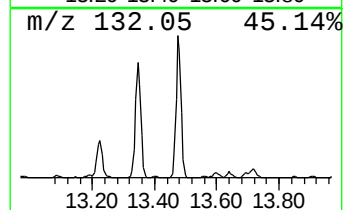
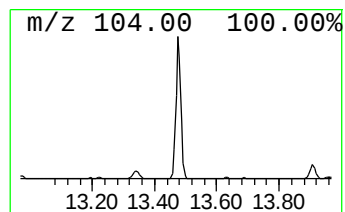
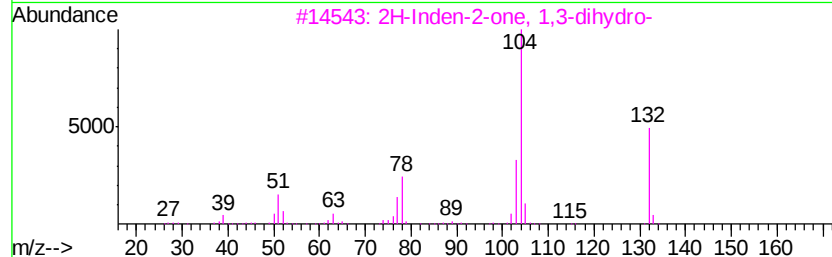
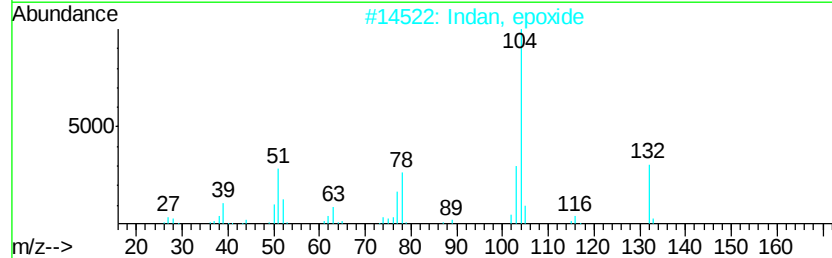
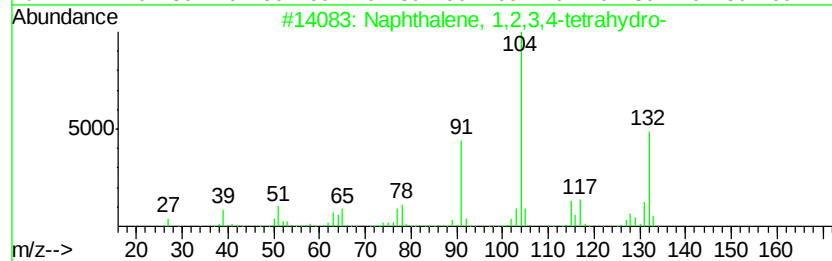
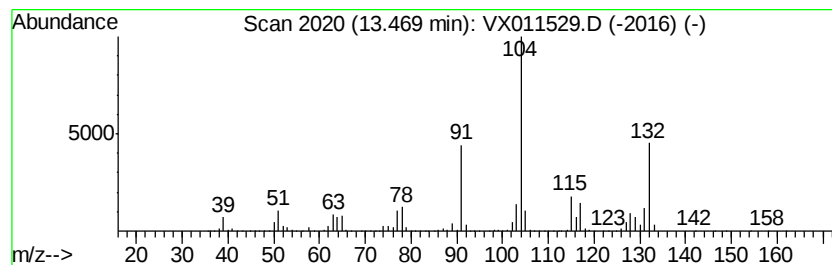
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.47 | 53.09 ug/l | 898965 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12   | 000119-64-2 | 95   |
| 2    |    | Indan, epoxide                   | 132 | C9H8O    | 000768-22-9 | 58   |
| 3    |    | 2H-Inden-2-one, 1,3-dihydro-     | 132 | C9H8O    | 000615-13-4 | 50   |
| 4    |    | 2-Methylbenzyl cyanide           | 131 | C9H9N    | 022364-68-7 | 46   |
| 5    |    | N-Ethylbenzimidoyl bromide       | 211 | C9H10BrN | 041182-87-0 | 40   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081319\  
Data File : VX011529.D  
Acq On : 13 Aug 2019 12:34  
Operator : JC/SP  
Sample : K4279-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0670

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.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 |
| Cyclopentane, met... | 4.40  | 30.6    | ug/l  | 355008   | 1                     | 5.66  | 579154 | 50.0 |
| Benzene, 1-ethyl-... | 11.66 | 78.8    | ug/l  | 1334680  | 4                     | 12.08 | 846649 | 50.0 |
| Benzene, 1,2,3-tr... | 12.14 | 99.7    | ug/l  | 1687870  | 4                     | 12.08 | 846649 | 50.0 |
| Benzene, cyclopro... | 12.30 | 112.8   | ug/l  | 1909110  | 4                     | 12.08 | 846649 | 50.0 |
| Benzene, 1-methyl... | 12.52 | 40.4    | ug/l  | 684629   | 4                     | 12.08 | 846649 | 50.0 |
| Benzene, 2-ethyl-... | 12.66 | 47.2    | ug/l  | 799201   | 4                     | 12.08 | 846649 | 50.0 |
| Indan, 1-methyl-     | 12.76 | 58.5    | ug/l  | 990417   | 4                     | 12.08 | 846649 | 50.0 |
| Benzene, 1,2,3,4-... | 12.97 | 31.9    | ug/l  | 540071   | 4                     | 12.08 | 846649 | 50.0 |
| Benzene, 1-methyl... | 13.34 | 111.3   | ug/l  | 1884550  | 4                     | 12.08 | 846649 | 50.0 |
| Naphthalene, 1,2,... | 13.47 | 53.1    | ug/l  | 898965   | 4                     | 12.08 | 846649 | 50.0 |