

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
 Data File : VR026205.D  
 Acq On : 7 Nov 2018 15:36  
 Operator : SY/MD  
 Sample : J5801-06  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 F9D05

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\_R\METHODS\SOMRTR101518WMA.M

Title : TRACE VOA SOM01.0

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         | 3.048       | 218           | 225         | 242          | rVB2     | 322594         | 976484        | 1.55%           | 0.489%        |
| 2         | 3.601       | 306           | 316         | 330          | rBV      | 261229         | 1007884       | 1.60%           | 0.504%        |
| 3         | 4.459       | 436           | 457         | 460          | rBV4     | 189051         | 813448        | 1.29%           | 0.407%        |
| 4         | 6.473       | 777           | 788         | 799          | rBV3     | 429167         | 1356604       | 2.15%           | 0.679%        |
| 5         | 7.197       | 898           | 907         | 923          | rBV      | 356565         | 952226        | 1.51%           | 0.476%        |
| 6         | 7.519       | 948           | 960         | 971          | rBV      | 900456         | 2749933       | 4.37%           | 1.376%        |
| 7         | 7.854       | 1002          | 1015        | 1019         | rBV      | 750929         | 1792677       | 2.85%           | 0.897%        |
| 8         | 7.903       | 1019          | 1023        | 1035         | rVB2     | 875799         | 1893785       | 3.01%           | 0.948%        |
| 9         | 8.456       | 1107          | 1114        | 1124         | rBV      | 883680         | 1668406       | 2.65%           | 0.835%        |
| 10        | 8.894       | 1179          | 1186        | 1191         | rBV      | 471454         | 989504        | 1.57%           | 0.495%        |
| 11        | 8.955       | 1191          | 1196        | 1205         | rVB      | 1272102        | 2453576       | 3.90%           | 1.228%        |
| 12        | 9.971       | 1355          | 1363        | 1370         | rBV      | 1239255        | 2042260       | 3.24%           | 1.022%        |
| 13        | 10.592      | 1456          | 1465        | 1478         | rBV      | 682744         | 1079608       | 1.71%           | 0.540%        |
| 14        | 11.315      | 1574          | 1584        | 1590         | rBV      | 10565971       | 17070269      | 27.11%          | 8.542%        |
| 15        | 11.395      | 1590          | 1597        | 1608         | rVV      | 10168283       | 14252475      | 22.63%          | 7.132%        |
| 16        | 11.498      | 1608          | 1614        | 1632         | rVB      | 11382371       | 18953107      | 30.10%          | 9.484%        |
| 17        | 11.826      | 1656          | 1668        | 1676         | rBV      | 2422786        | 3567008       | 5.66%           | 1.785%        |
| 18        | 12.131      | 1712          | 1718        | 1726         | rVB      | 860114         | 1169160       | 1.86%           | 0.585%        |
| 19        | 12.471      | 1767          | 1774        | 1779         | rBV      | 713983         | 958790        | 1.52%           | 0.480%        |
| 20        | 12.538      | 1779          | 1785        | 1788         | rVV      | 2467096        | 3571119       | 5.67%           | 1.787%        |
| 21        | 12.569      | 1788          | 1790        | 1794         | rVV      | 1511118        | 1825718       | 2.90%           | 0.914%        |
| 22        | 12.617      | 1794          | 1798        | 1810         | rVB      | 2126918        | 2987695       | 4.74%           | 1.495%        |
| 23        | 12.769      | 1816          | 1823        | 1831         | rBV      | 531785         | 852234        | 1.35%           | 0.426%        |
| 24        | 12.922      | 1842          | 1848        | 1853         | rBV      | 6164633        | 8222126       | 13.06%          | 4.114%        |
| 25        | 13.226      | 1892          | 1898        | 1899         | rBV      | 1261886        | 1727039       | 2.74%           | 0.864%        |
| 26        | 13.250      | 1899          | 1902        | 1907         | rVB      | 2561493        | 3817222       | 6.06%           | 1.910%        |
| 27        | 13.420      | 1920          | 1930        | 1941         | rBV      | 35825836       | 62974319      | 100.00%         | 31.511%       |
| 28        | 13.524      | 1941          | 1947        | 1955         | rVV2     | 1708425        | 3487999       | 5.54%           | 1.745%        |
| 29        | 13.871      | 2000          | 2004        | 2009         | rBV      | 708563         | 1041419       | 1.65%           | 0.521%        |
| 30        | 14.150      | 2043          | 2050        | 2058         | rVB2     | 781278         | 1801964       | 2.86%           | 0.902%        |
| 31        | 14.351      | 2078          | 2083        | 2089         | rBV      | 1056657        | 1418799       | 2.25%           | 0.710%        |
| 32        | 14.473      | 2095          | 2103        | 2108         | rBV3     | 1035167        | 1791942       | 2.85%           | 0.897%        |
| 33        | 14.619      | 2121          | 2127        | 2136         | rVB      | 791943         | 1181364       | 1.88%           | 0.591%        |
| 34        | 15.002      | 2184          | 2190        | 2200         | rVB      | 11568170       | 16343148      | 25.95%          | 8.178%        |

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Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

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\_R\METHODS\SOMRTR101518WMA.M  
Title : TRACE VOA SOM01.0

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 35 | 16.006 | 2348 | 2355 | 2367 | rVB | 4649455 | 7762555 | 12.33% | 3.884% |
| 36 | 16.194 | 2378 | 2386 | 2394 | rVB | 1827811 | 3295878 | 5.23%  | 1.649% |

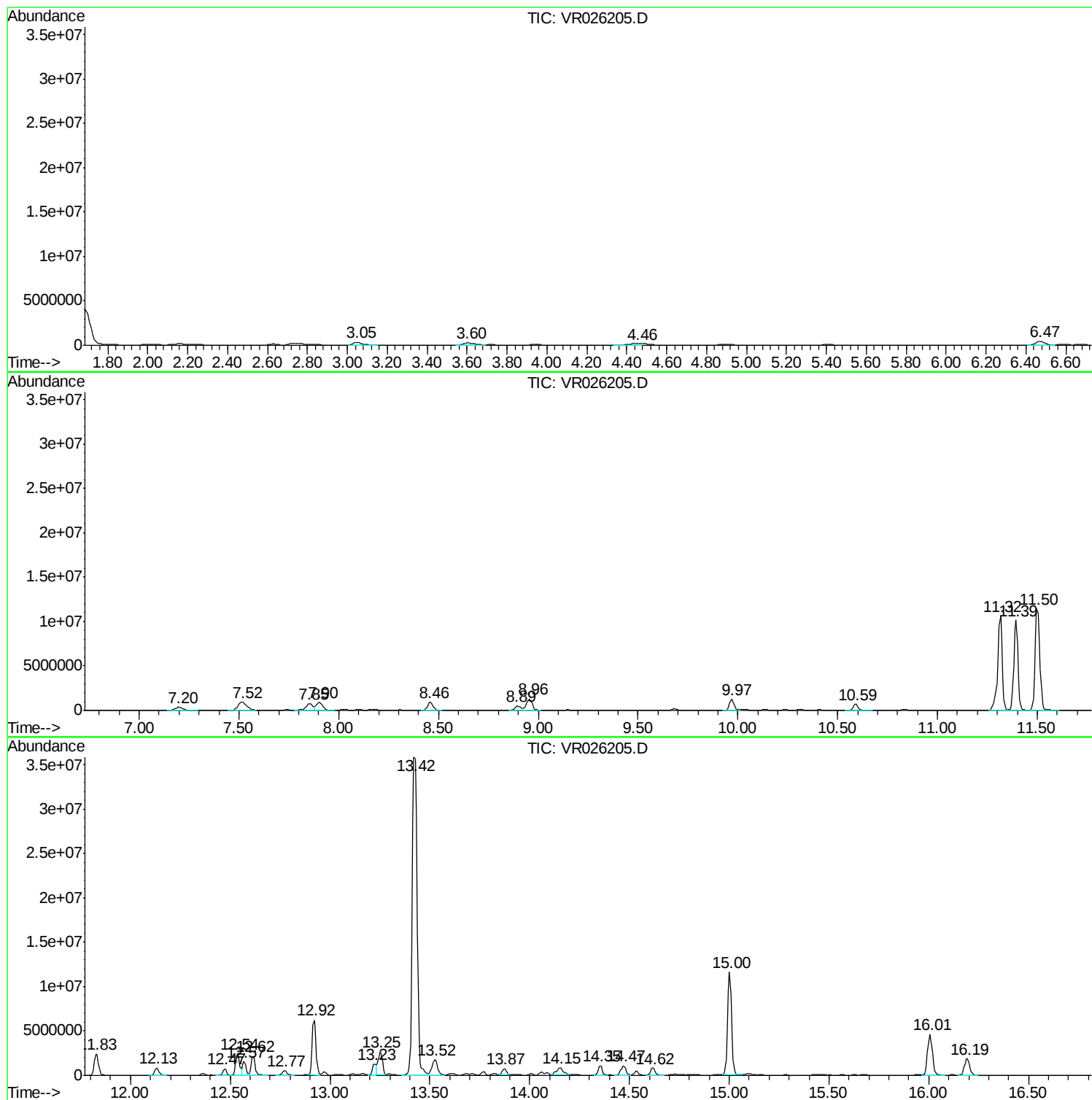
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

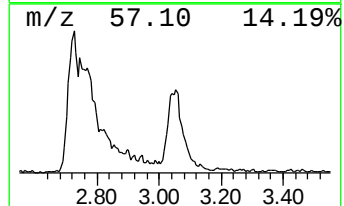
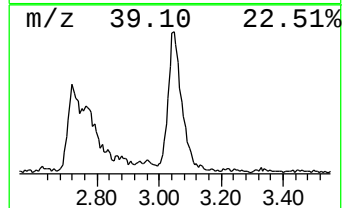
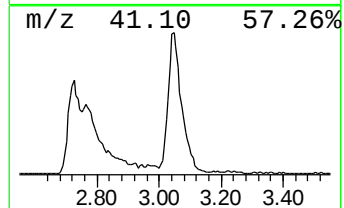
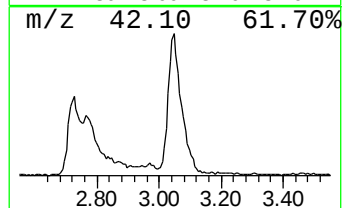
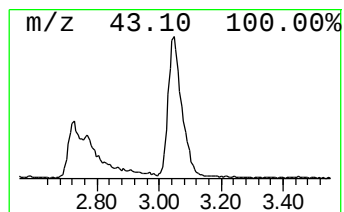
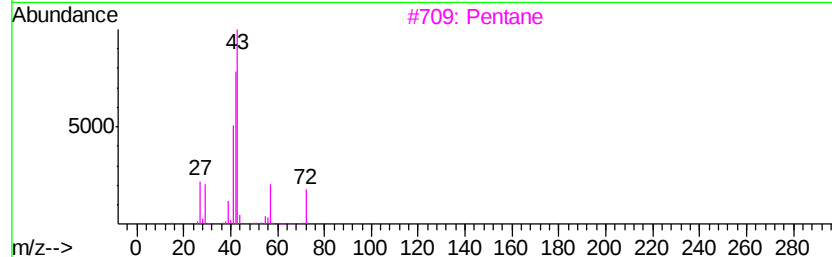
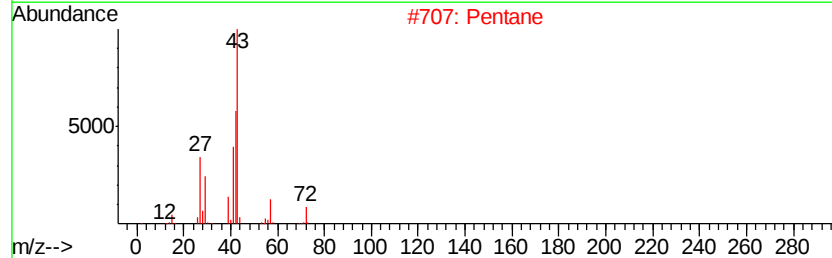
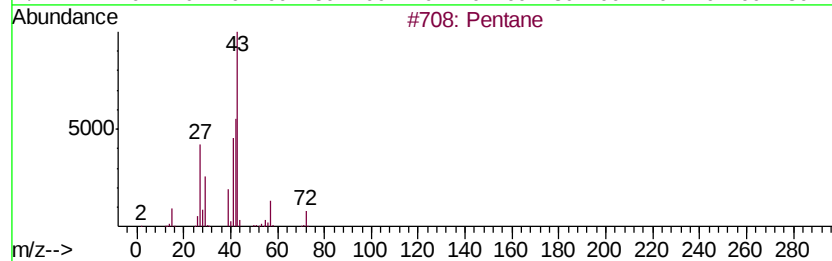
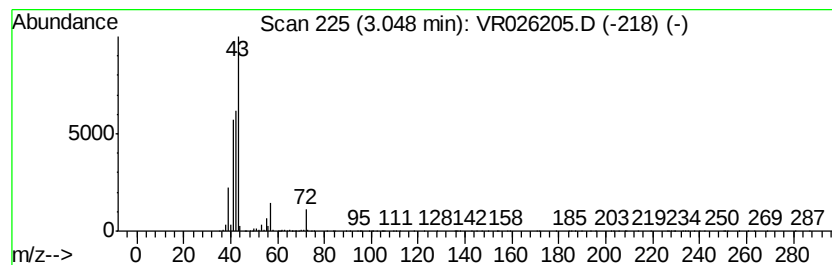
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 3.05 | 2.93 ug/L | 976484 | 1,4-Difluorobenzene | 8.46 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Pentane         | 72 | C5H12   | 000109-66-0 | 90   |
| 2    |    | Pentane         | 72 | C5H12   | 000109-66-0 | 86   |
| 3    |    | Pentane         | 72 | C5H12   | 000109-66-0 | 59   |
| 4    |    | Pentane         | 72 | C5H12   | 000109-66-0 | 50   |
| 5    |    | Oxirane, ethyl- | 72 | C4H8O   | 000106-88-7 | 50   |



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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

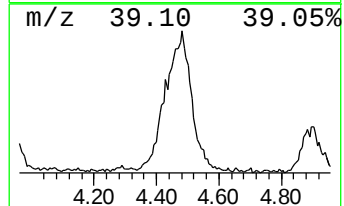
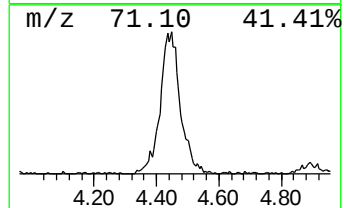
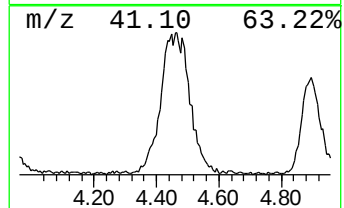
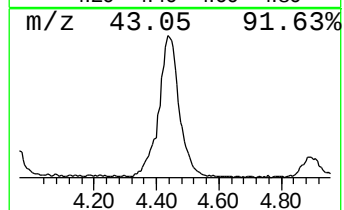
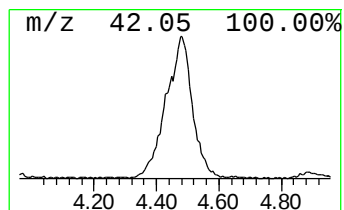
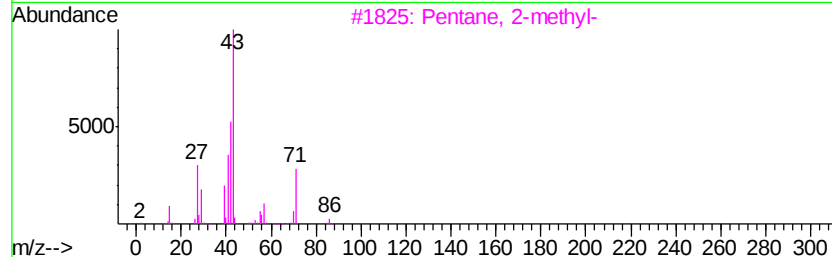
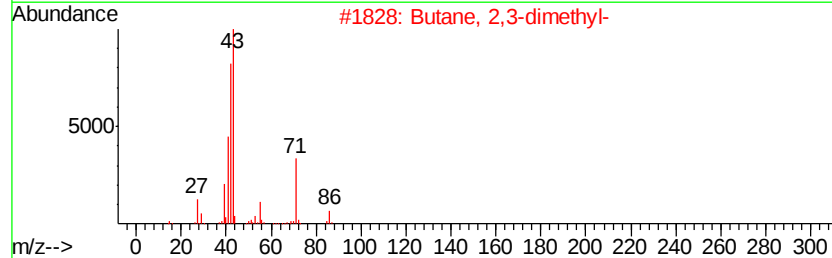
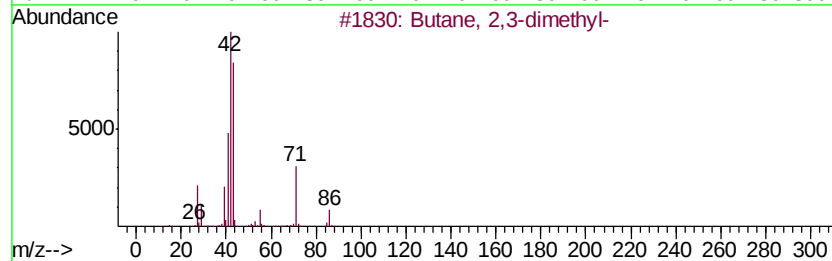
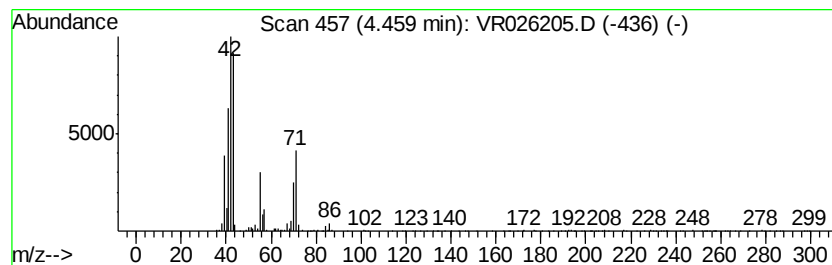
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.46 | 2.44 ug/L | 813448 | 1,4-Difluorobenzene | 8.46 |

| Hit# | of | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|-----------------------|----|---------|-------------|------|
| 1    | 5  | Butane, 2,3-dimethyl- | 86 | C6H14   | 000079-29-8 | 52   |
| 2    |    | Butane, 2,3-dimethyl- | 86 | C6H14   | 000079-29-8 | 50   |
| 3    |    | Pentane, 2-methyl-    | 86 | C6H14   | 000107-83-5 | 43   |
| 4    |    | Pentane, 2-methyl-    | 86 | C6H14   | 000107-83-5 | 38   |
| 5    |    | Butane, 2,3-dimethyl- | 86 | C6H14   | 000079-29-8 | 37   |



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Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

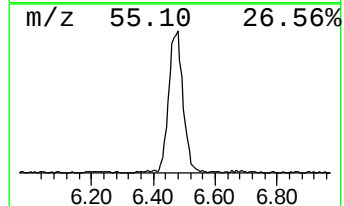
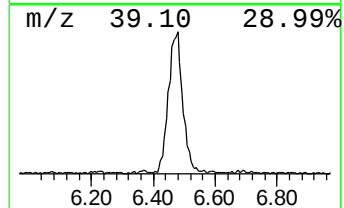
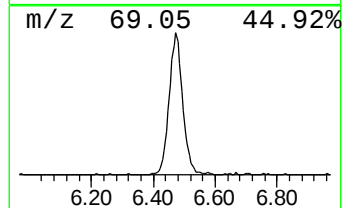
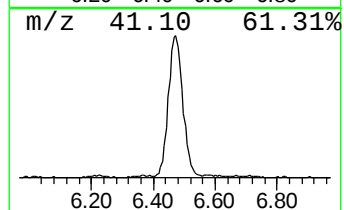
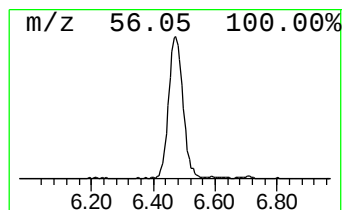
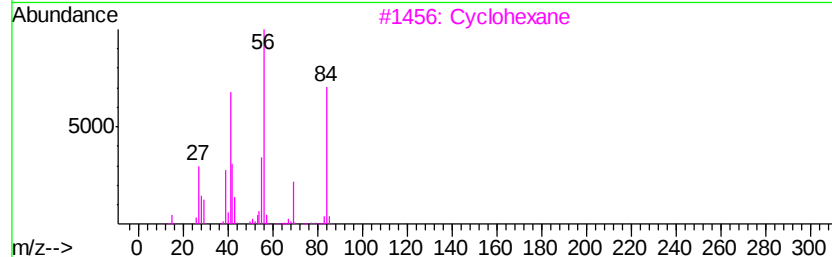
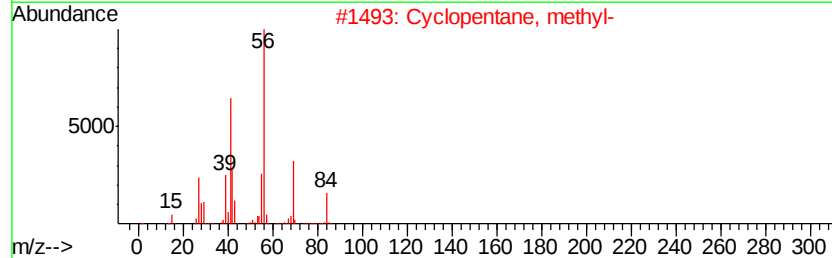
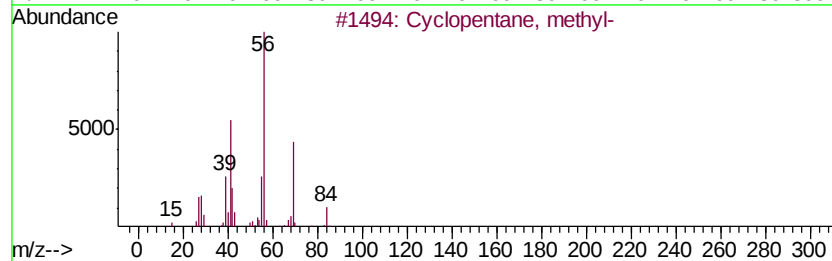
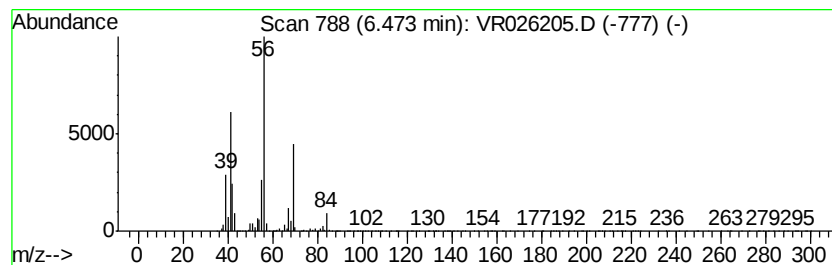
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic6.47 Concentration Rank 12

| R.T. | EstConc   | Area    | Relative to ISTD    | R.T. |
|------|-----------|---------|---------------------|------|
| 6.47 | 4.07 ug/L | 1356600 | 1,4-Difluorobenzene | 8.46 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 90   |
| 2    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 80   |
| 3    |    |   | Cyclohexane             | 84 | C6H12   | 000110-82-7 | 72   |
| 4    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 72   |
| 5    |    |   | Propane, 2-cyclopropyl- | 84 | C6H12   | 003638-35-5 | 59   |



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Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

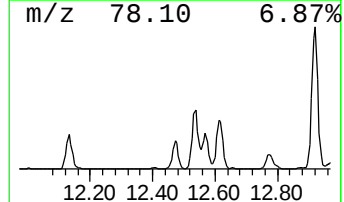
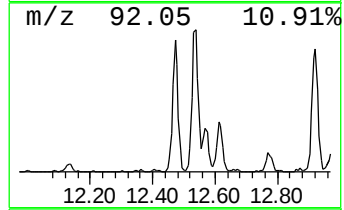
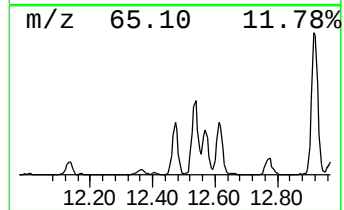
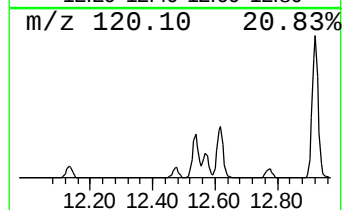
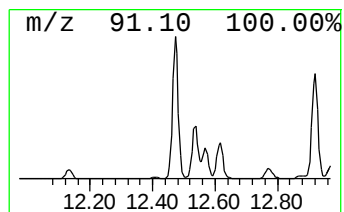
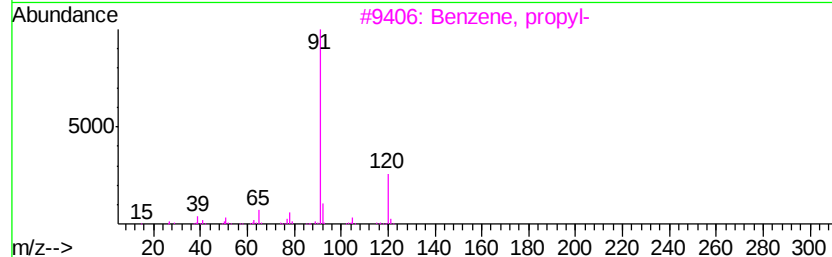
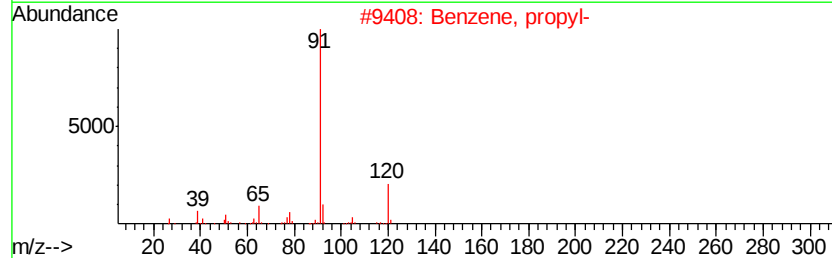
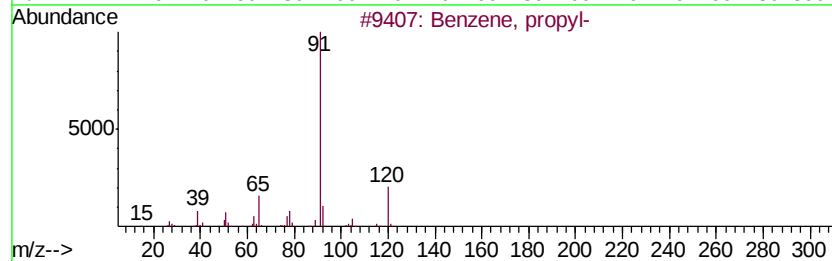
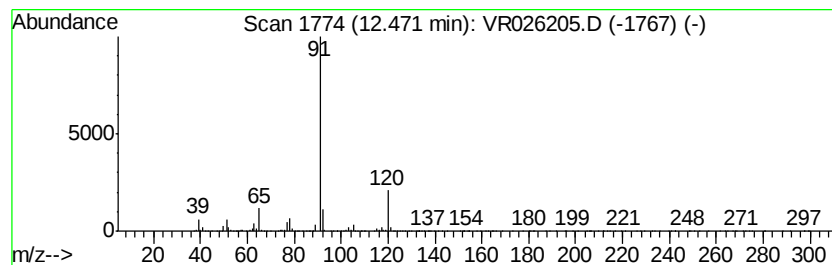
Instrument :  
MSVOA\_R  
ClientSampleId :  
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Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 4 Benzene, propyl- Concentration Rank 16

| R.T.    | EstConc   | Area                             | Relative to ISTD       | R.T.           |
|---------|-----------|----------------------------------|------------------------|----------------|
| 12.47   | 2.78 ug/L | 958790                           | 1,4-Dichlorobenzene-d4 | 13.23          |
| Hit# of | 5         | Tentative ID                     | MW MolForm             | CAS# Qual      |
| 1       |           | Benzene, propyl-                 | 120 C9H12              | 000103-65-1 95 |
| 2       |           | Benzene, propyl-                 | 120 C9H12              | 000103-65-1 90 |
| 3       |           | Benzene, propyl-                 | 120 C9H12              | 000103-65-1 86 |
| 4       |           | 1,3,5-Cycloheptatriene, 7-ethyl- | 120 C9H12              | 017634-51-4 50 |
| 5       |           | Benzeneacetaldehyde              | 120 C8H8O              | 000122-78-1 46 |



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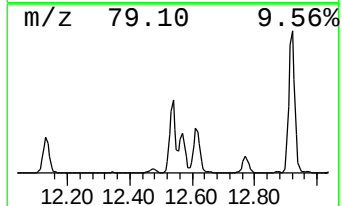
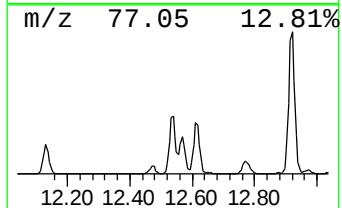
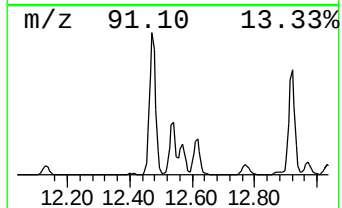
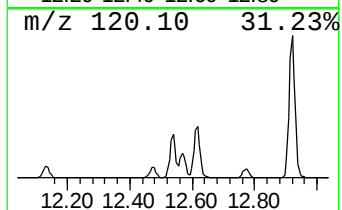
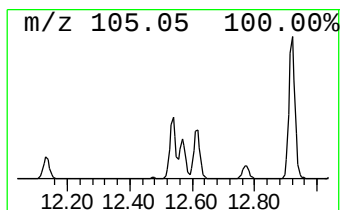
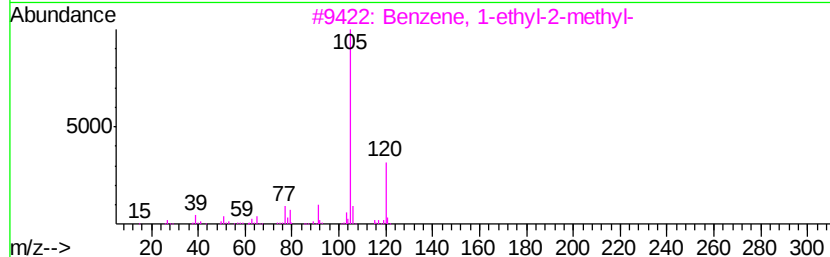
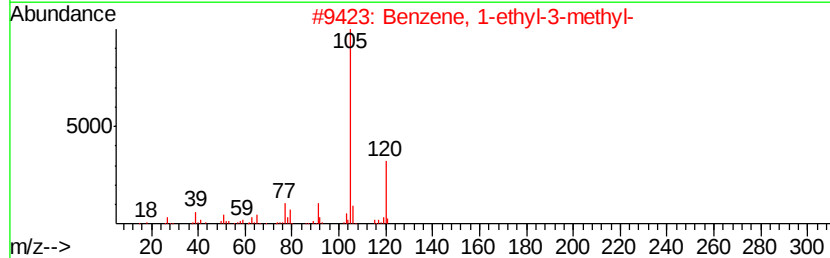
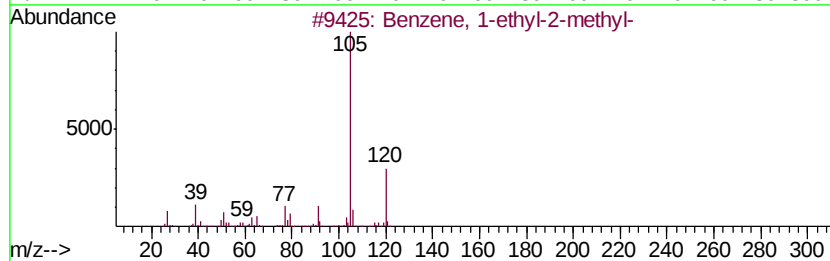
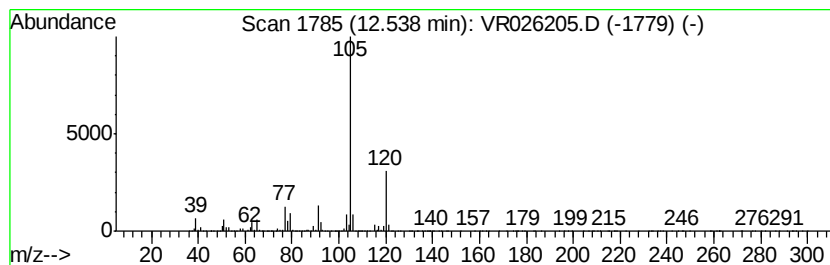
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Quant Title : TRACE VOA SOM01.0

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

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

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.54 | 10.34 ug/L | 3571120 | 1,4-Dichlorobenzene-d4 | 13.23 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | 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-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 4    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 5    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

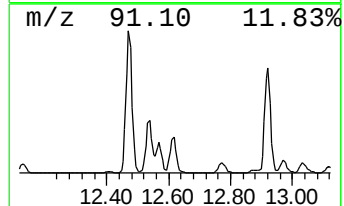
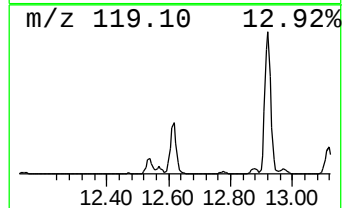
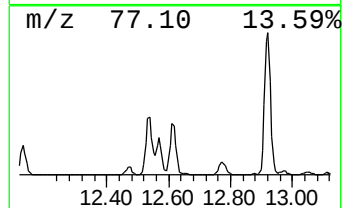
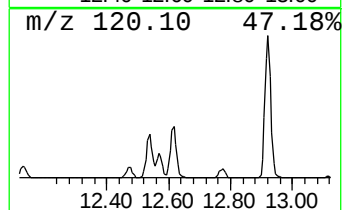
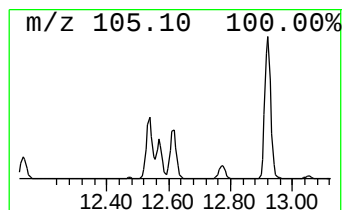
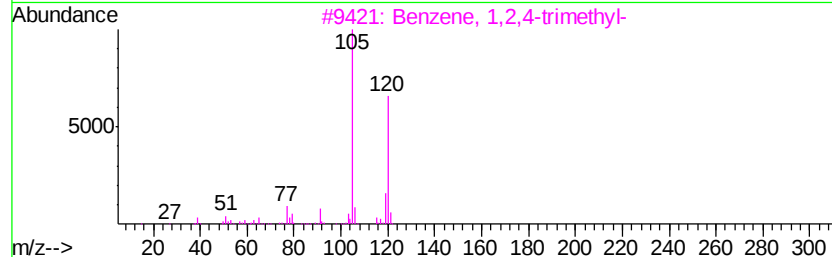
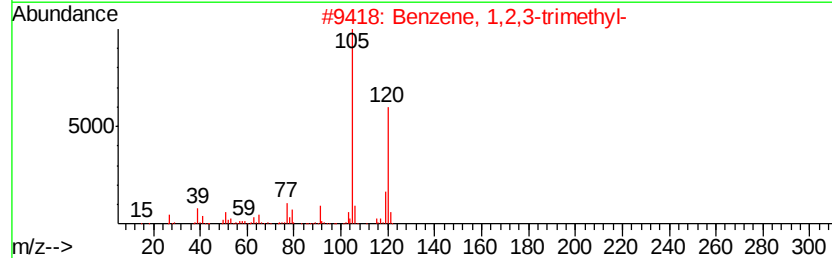
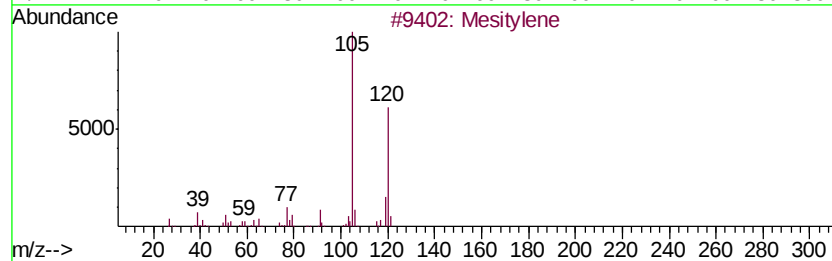
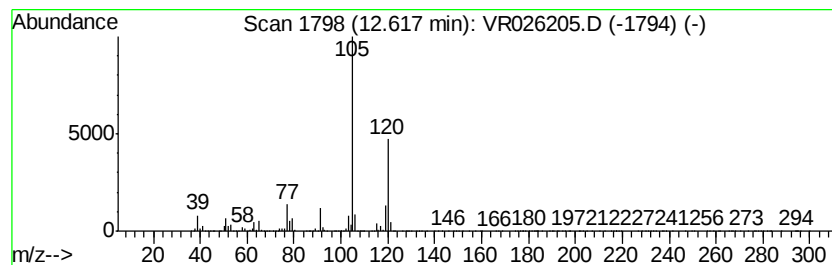
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Mesitylene Concentration Rank 7

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 12.62 | 8.65 ug/L | 2987700 | 1,4-Dichlorobenzene-d4 | 13.23 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

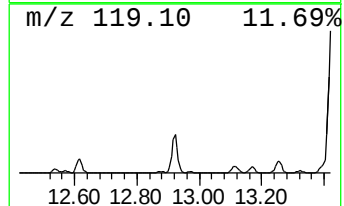
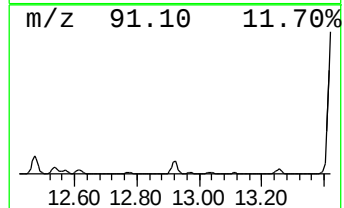
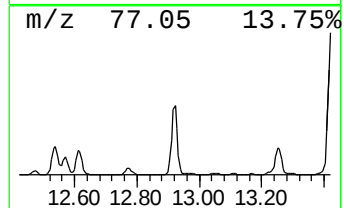
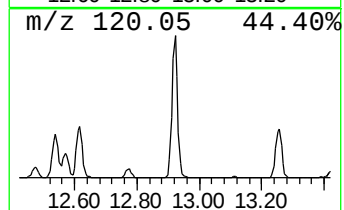
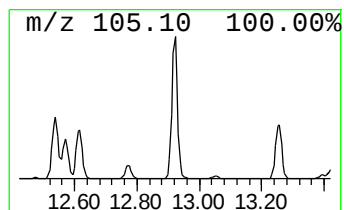
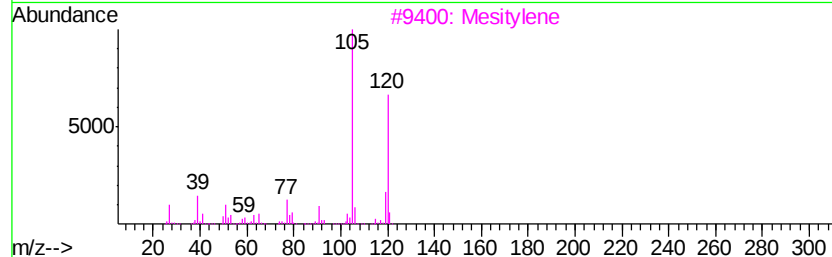
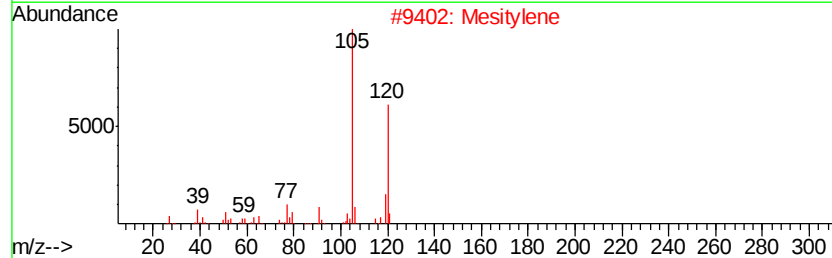
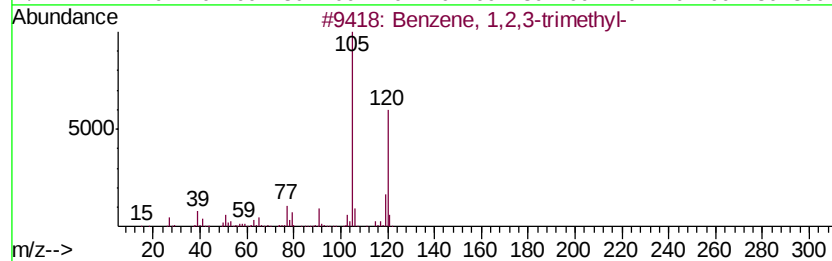
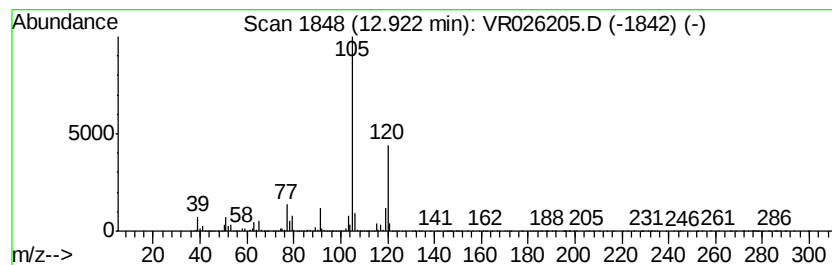
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.92 | 23.80 ug/L | 8222130 | 1,4-Dichlorobenzene-d4 | 13.23 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

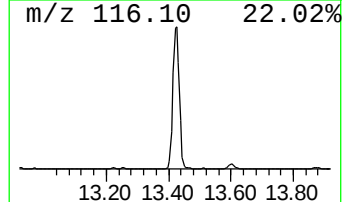
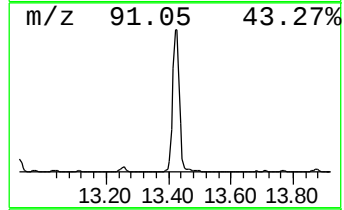
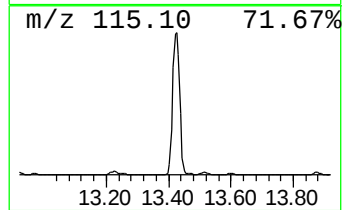
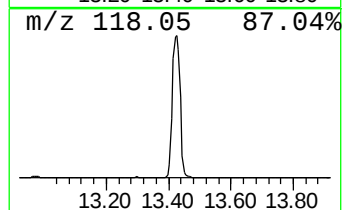
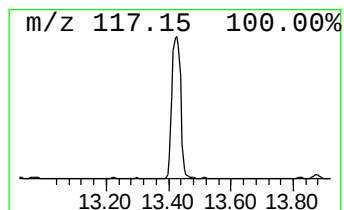
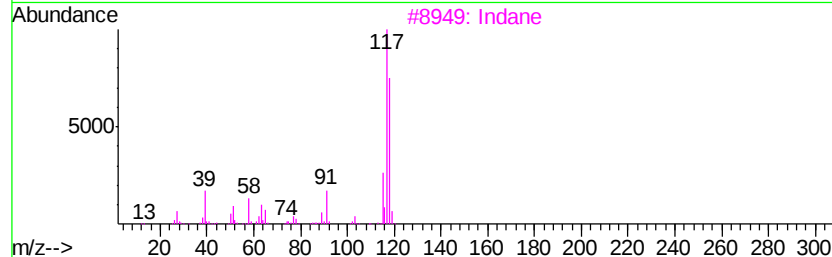
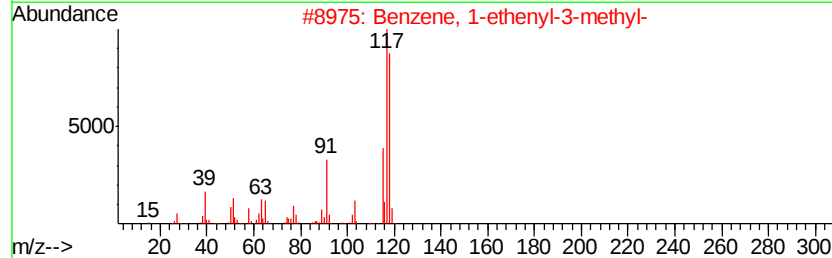
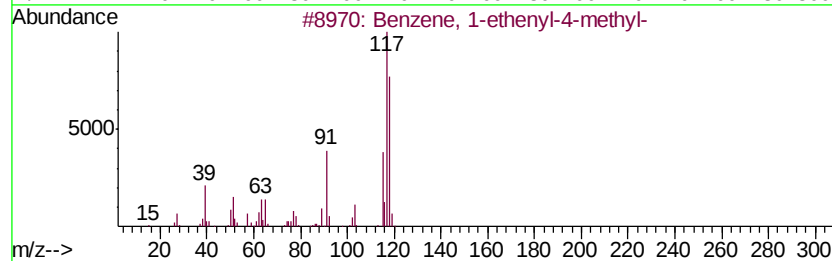
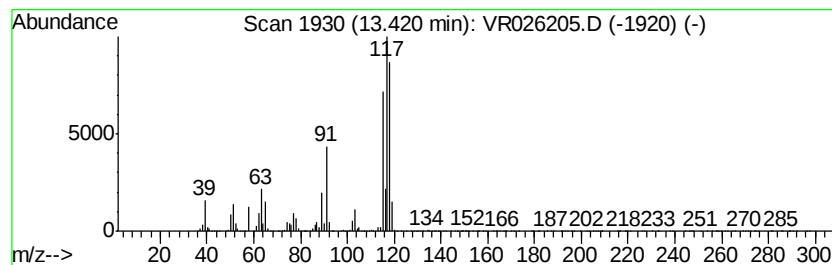
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Benzene, 1-ethenyl-4-methyl- Concentration Rank 1

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 13.42 | 182.32 ug/L | 62974300 | 1,4-Dichlorobenzene-d4 | 13.23 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10   | 000622-97-9 | 92   |
| 2    |    | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10   | 000100-80-1 | 92   |
| 3    |    | Indane                       | 118 | C9H10   | 000496-11-7 | 81   |
| 4    |    | Indane                       | 118 | C9H10   | 000496-11-7 | 76   |
| 5    |    | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

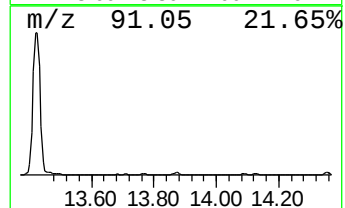
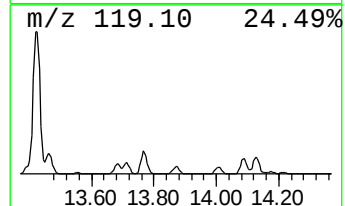
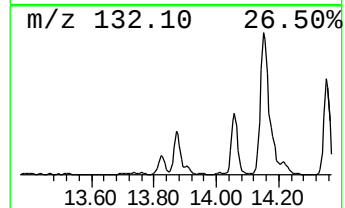
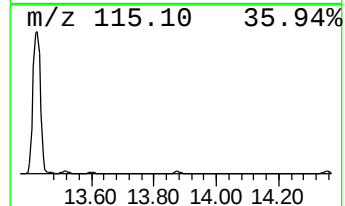
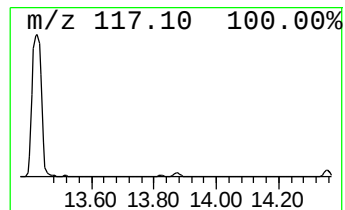
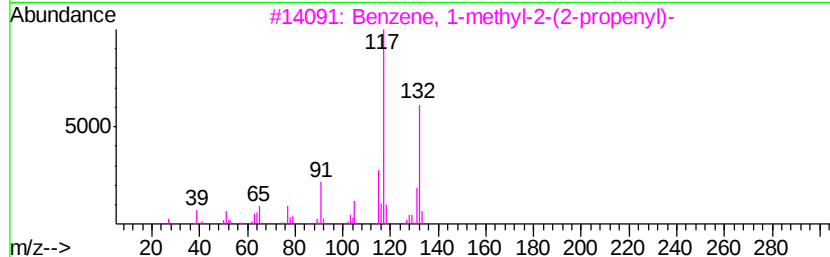
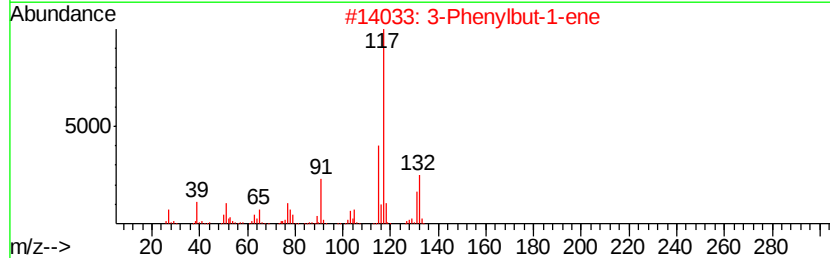
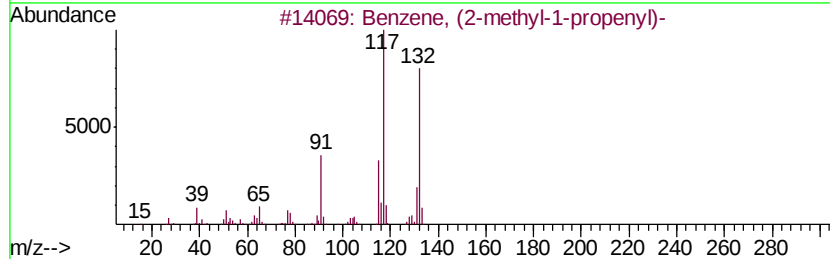
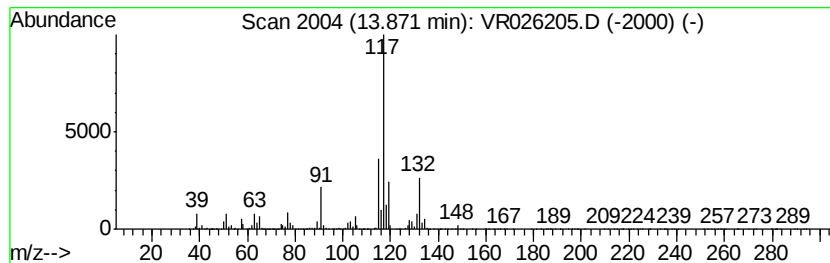
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzene, (2-methyl-1-propen... Concentration Rank 14

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 13.87 | 3.02 ug/L | 1041420 | 1,4-Dichlorobenzene-d4 | 13.23 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methyl-1-propenyl)-   | 132 | C10H12  | 000768-49-0 | 87   |
| 2    |    |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 81   |
| 3    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 81   |
| 4    |    |   | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8 | 76   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 74   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

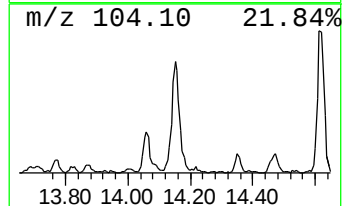
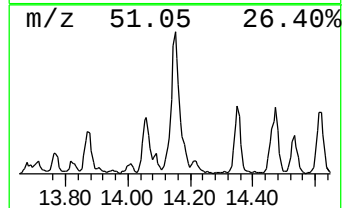
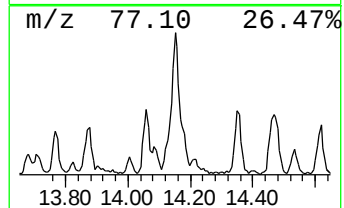
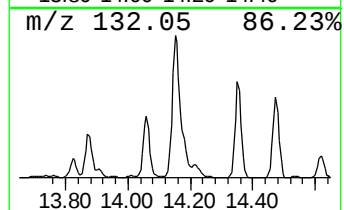
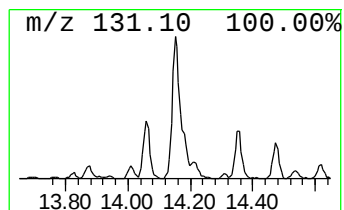
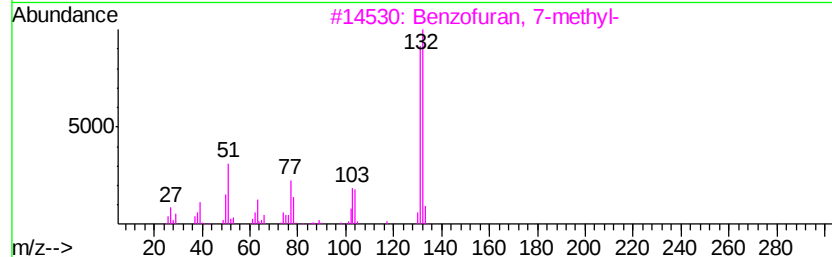
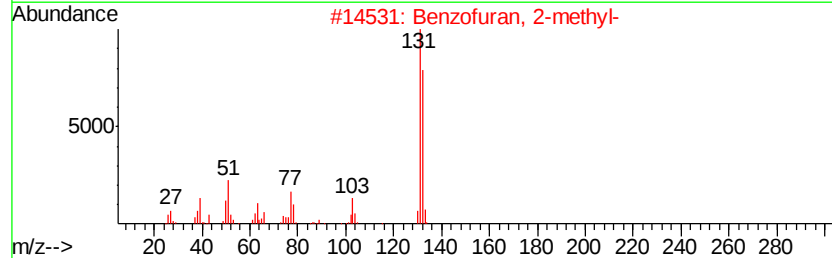
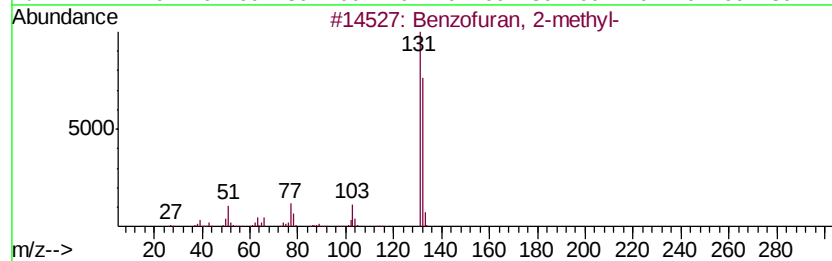
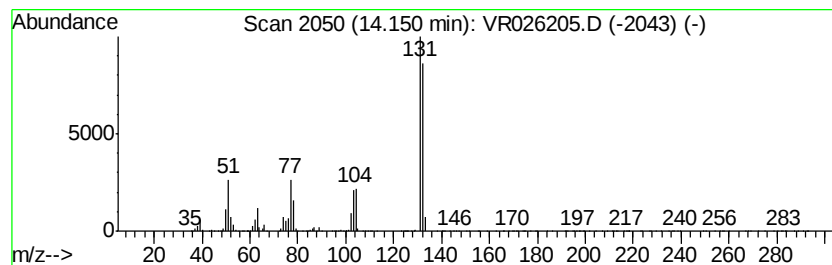
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 9

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 14.15 | 5.22 ug/L | 1801960 | 1,4-Dichlorobenzene-d4 | 13.23 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 95   |
| 2    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 94   |
| 3    |    |   | Benzofuran, 7-methyl-  | 132 | C9H8O   | 017059-52-8 | 93   |
| 4    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 91   |
| 5    |    |   | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O   | 001504-58-1 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

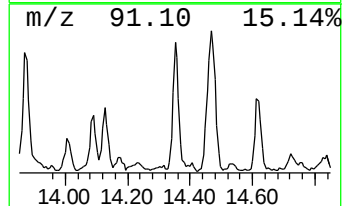
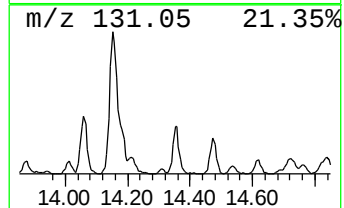
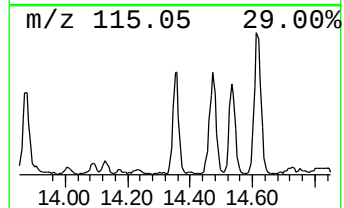
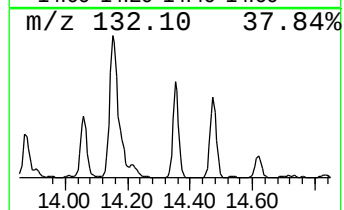
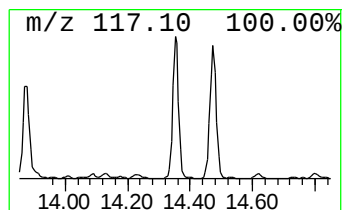
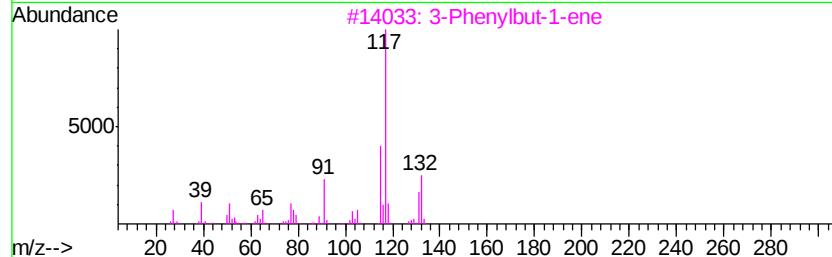
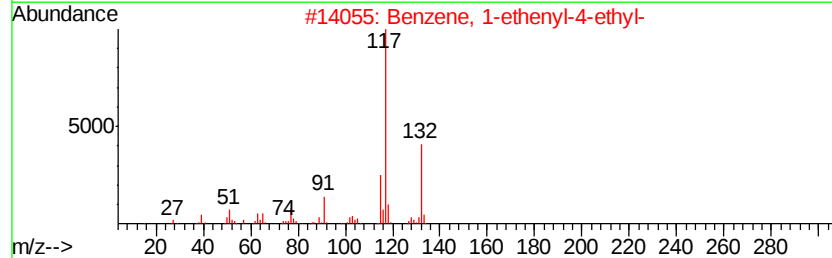
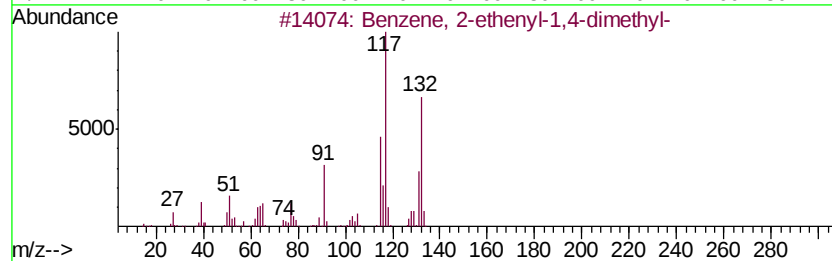
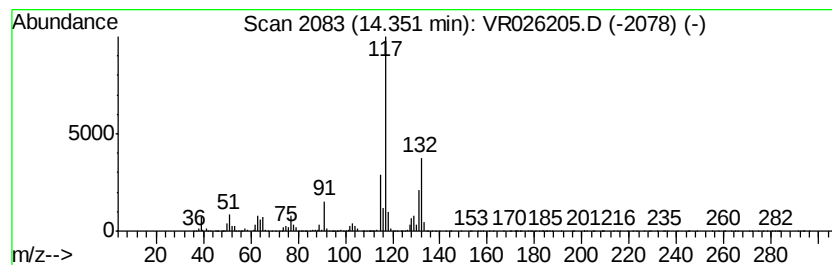
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 14.35 | 4.11 ug/L | 1418800 | 1,4-Dichlorobenzene-d4 | 13.23 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 96   |
| 2    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 94   |
| 3    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 91   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 91   |
| 5    |    |   | Benzene, (2-methyl-2-propenyl)-  | 132 | C10H12  | 003290-53-7 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

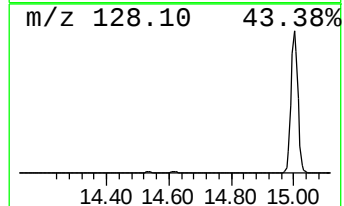
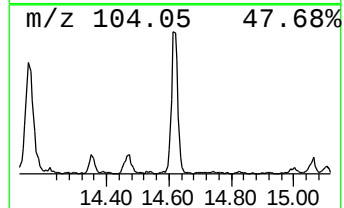
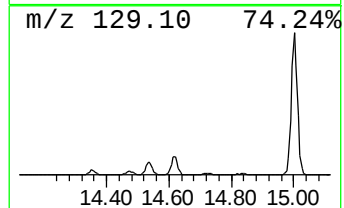
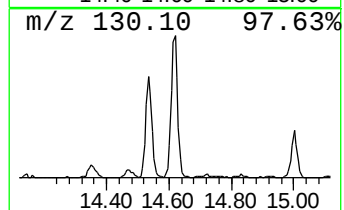
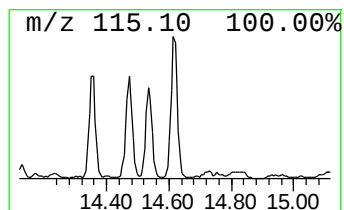
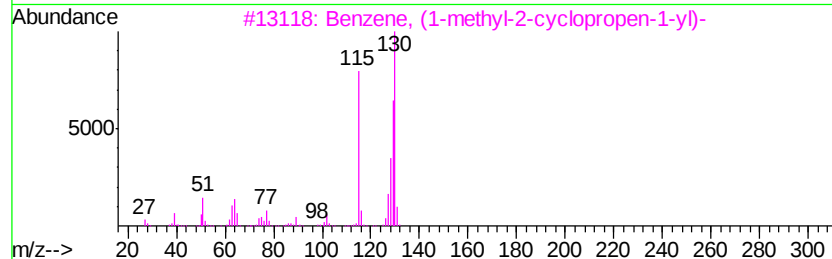
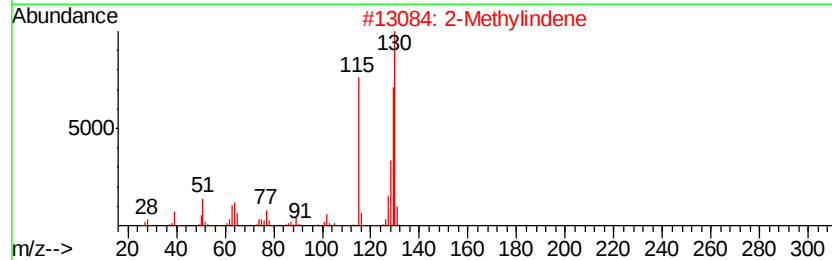
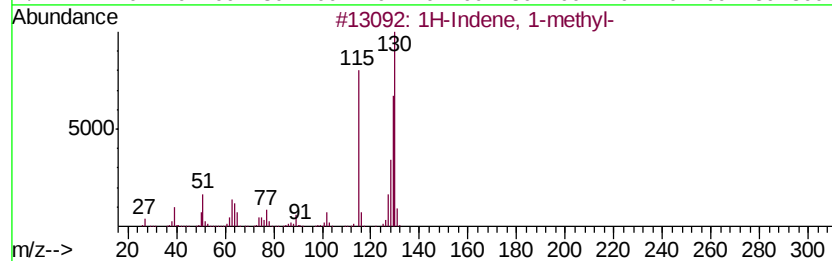
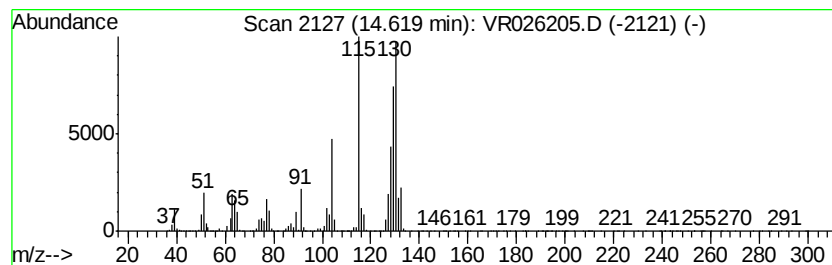
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 1H-Indene, 1-methyl- Concentration Rank 13

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 14.62 | 3.42 ug/L | 1181360 | 1,4-Dichlorobenzene-d4 | 13.23 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 1-methyl-                | 130 | C10H10  | 000767-59-9 | 96   |
| 2    |    |   | 2-Methylindene                      | 130 | C10H10  | 002177-47-1 | 95   |
| 3    |    |   | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10  | 065051-83-4 | 93   |
| 4    |    |   | 1H-Indene, 3-methyl-                | 130 | C10H10  | 000767-60-2 | 91   |
| 5    |    |   | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10  | 015677-15-3 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
Data File : VR026205.D  
Acq On : 7 Nov 2018 15:36  
Operator : SY/MD  
Sample : J5801-06  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0

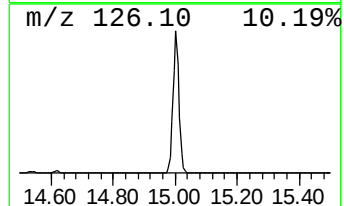
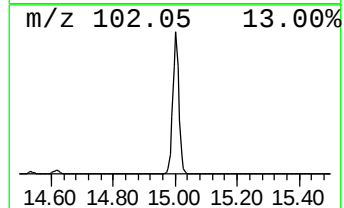
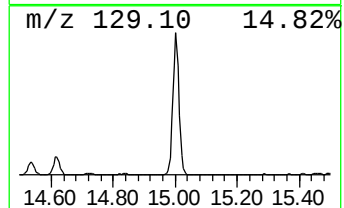
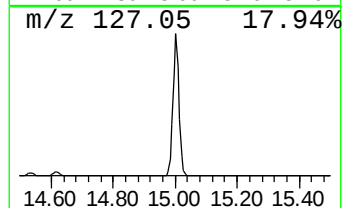
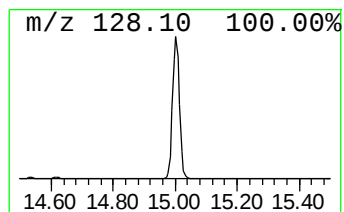
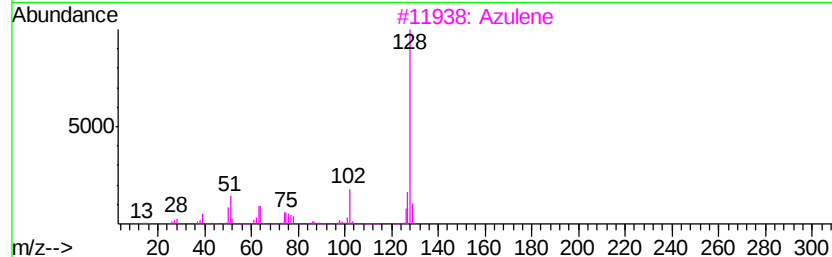
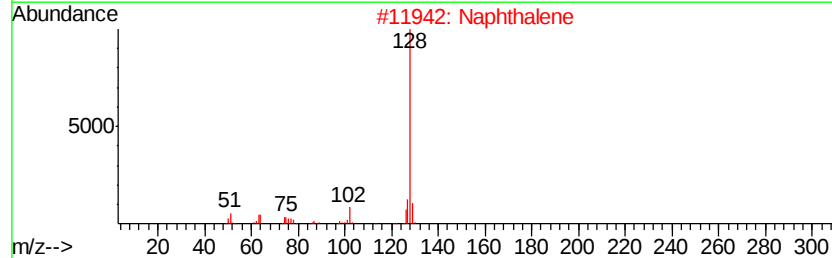
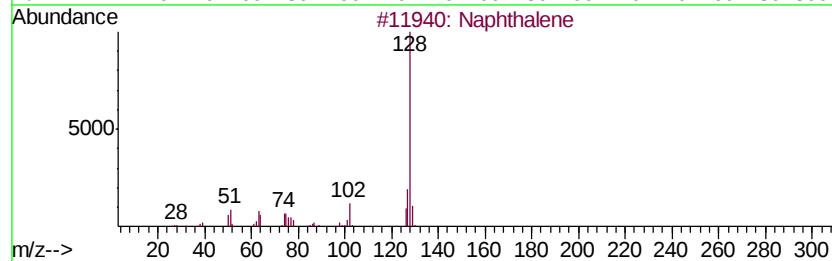
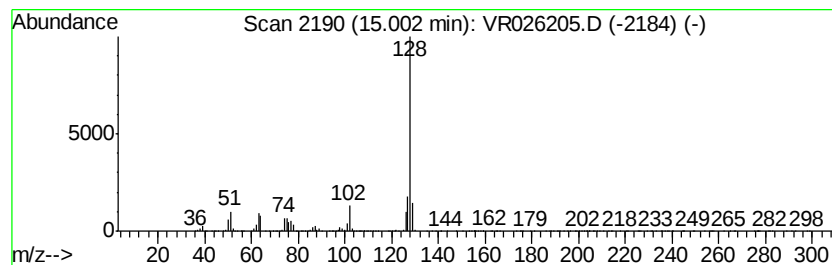
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Azulene Concentration Rank 2

| R.T.  | EstConc    | Area     | Relative to ISTD       | R.T.  |
|-------|------------|----------|------------------------|-------|
| 15.00 | 47.32 ug/L | 16343100 | 1,4-Dichlorobenzene-d4 | 13.23 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene             | 128 | C10H8   | 000091-20-3 | 96   |
| 2    |    | Naphthalene             | 128 | C10H8   | 000091-20-3 | 95   |
| 3    |    | Azulene                 | 128 | C10H8   | 000275-51-4 | 94   |
| 4    |    | 1H-Indene, 1-methylene- | 128 | C10H8   | 002471-84-3 | 91   |
| 5    |    | Naphthalene             | 128 | C10H8   | 000091-20-3 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR110718\  
 Data File : VR026205.D  
 Acq On : 7 Nov 2018 15:36  
 Operator : SY/MD  
 Sample : J5801-06  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 F9D05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
 Quant Title : TRACE VOA SOM01.0

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 3.05  | 2.9     | ug/L  | 976484   | 1                     | 8.46  | 1668410 | 5.0  |
| (DEL) Alkane: Str... | 4.46  | 2.4     | ug/L  | 813448   | 1                     | 8.46  | 1668410 | 5.0  |
| (DEL) Alkane: Cyc... | 6.47  | 4.1     | ug/L  | 1356600  | 1                     | 8.46  | 1668410 | 5.0  |
| Benzene, propyl-     | 12.47 | 2.8     | ug/L  | 958790   | 3                     | 13.23 | 1727040 | 5.0  |
| Benzene, 1-ethyl-... | 12.54 | 10.3    | ug/L  | 3571120  | 3                     | 13.23 | 1727040 | 5.0  |
| Mesitylene           | 12.62 | 8.7     | ug/L  | 2987700  | 3                     | 13.23 | 1727040 | 5.0  |
| Benzene, 1,2,3-tr... | 12.92 | 23.8    | ug/L  | 8222130  | 3                     | 13.23 | 1727040 | 5.0  |
| Benzene, 1-etheny... | 13.42 | 182.3   | ug/L  | 62974300 | 3                     | 13.23 | 1727040 | 5.0  |
| Benzene, (2-methy... | 13.87 | 3.0     | ug/L  | 1041420  | 3                     | 13.23 | 1727040 | 5.0  |
| Benzofuran, 2-met... | 14.15 | 5.2     | ug/L  | 1801960  | 3                     | 13.23 | 1727040 | 5.0  |
| Benzene, 2-etheny... | 14.35 | 4.1     | ug/L  | 1418800  | 3                     | 13.23 | 1727040 | 5.0  |
| 1H-Indene, 1-methyl- | 14.62 | 3.4     | ug/L  | 1181360  | 3                     | 13.23 | 1727040 | 5.0  |
| Azulene              | 15.00 | 47.3    | ug/L  | 16343100 | 3                     | 13.23 | 1727040 | 5.0  |