

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
 Data File : VD077933.D  
 Acq On : 16 Dec 2023 14:56  
 Operator : RP/MD  
 Sample : 05789-01  
 Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E8965C-5-001

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\_D\Method\82D120823S.M  
 Title : SW846 8260

Signal : TIC: VD077933.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         | 1.734       | 20            | 25          | 35           | rBV      | 55925          | 82103         | 3.96%           | 0.768%        |
| 2         | 7.805       | 1048          | 1057        | 1063         | rBV2     | 28815          | 69717         | 3.36%           | 0.652%        |
| 3         | 7.875       | 1063          | 1069        | 1078         | rVB2     | 53008          | 123029        | 5.93%           | 1.151%        |
| 4         | 8.234       | 1119          | 1130        | 1138         | rBV2     | 36520          | 89199         | 4.30%           | 0.835%        |
| 5         | 8.775       | 1214          | 1222        | 1232         | rBV2     | 84276          | 172741        | 8.33%           | 1.617%        |
| 6         | 10.269      | 1466          | 1476        | 1484         | rBV      | 137680         | 253001        | 12.20%          | 2.368%        |
| 7         | 11.581      | 1690          | 1699        | 1706         | rBV      | 137083         | 239417        | 11.54%          | 2.240%        |
| 8         | 11.787      | 1728          | 1734        | 1745         | rVB3     | 29131          | 59449         | 2.87%           | 0.556%        |
| 9         | 12.122      | 1783          | 1791        | 1799         | rBV4     | 33041          | 72251         | 3.48%           | 0.676%        |
| 10        | 12.569      | 1861          | 1867        | 1873         | rVB      | 105673         | 165164        | 7.96%           | 1.546%        |
| 11        | 12.763      | 1892          | 1900        | 1904         | rBV      | 42766          | 77137         | 3.72%           | 0.722%        |
| 12        | 12.822      | 1904          | 1910        | 1914         | rVV      | 286148         | 485181        | 23.39%          | 4.540%        |
| 13        | 12.857      | 1914          | 1916        | 1919         | rVV      | 135248         | 172478        | 8.31%           | 1.614%        |
| 14        | 12.904      | 1919          | 1924        | 1932         | rVB      | 243668         | 407154        | 19.63%          | 3.810%        |
| 15        | 13.063      | 1945          | 1951        | 1959         | rVB      | 137577         | 235811        | 11.37%          | 2.207%        |
| 16        | 13.210      | 1968          | 1976        | 1981         | rBV      | 973951         | 1472881       | 71.00%          | 13.783%       |
| 17        | 13.263      | 1981          | 1985        | 1989         | rVV      | 98626          | 153250        | 7.39%           | 1.434%        |
| 18        | 13.310      | 1989          | 1993        | 2002         | rVB4     | 35795          | 75373         | 3.63%           | 0.705%        |
| 19        | 13.404      | 2002          | 2009        | 2012         | rBV      | 23055          | 45247         | 2.18%           | 0.423%        |
| 20        | 13.445      | 2012          | 2016        | 2022         | rVB3     | 14718          | 30493         | 1.47%           | 0.285%        |
| 21        | 13.516      | 2022          | 2028        | 2029         | rBV      | 149246         | 194512        | 9.38%           | 1.820%        |
| 22        | 13.545      | 2030          | 2033        | 2038         | rVV      | 301038         | 469928        | 22.65%          | 4.398%        |
| 23        | 13.587      | 2038          | 2040        | 2045         | rVB2     | 65030          | 80539         | 3.88%           | 0.754%        |
| 24        | 13.681      | 2049          | 2056        | 2058         | rBV      | 111561         | 176363        | 8.50%           | 1.650%        |
| 25        | 13.716      | 2058          | 2062        | 2066         | rVV2     | 253591         | 435337        | 20.99%          | 4.074%        |
| 26        | 13.751      | 2066          | 2068        | 2078         | rVB2     | 138952         | 226317        | 10.91%          | 2.118%        |
| 27        | 13.840      | 2079          | 2083        | 2087         | rBV4     | 26031          | 36357         | 1.75%           | 0.340%        |
| 28        | 13.898      | 2087          | 2093        | 2101         | rVB      | 469167         | 774815        | 37.35%          | 7.251%        |
| 29        | 13.975      | 2101          | 2106        | 2108         | rBV      | 59648          | 94243         | 4.54%           | 0.882%        |
| 30        | 14.004      | 2108          | 2111        | 2116         | rVB      | 45948          | 65248         | 3.15%           | 0.611%        |
| 31        | 14.057      | 2116          | 2120        | 2125         | rVB      | 158995         | 228997        | 11.04%          | 2.143%        |
| 32        | 14.110      | 2125          | 2129        | 2134         | rVB4     | 16947          | 32932         | 1.59%           | 0.308%        |
| 33        | 14.175      | 2134          | 2140        | 2142         | rBV4     | 32569          | 63081         | 3.04%           | 0.590%        |
| 34        | 14.298      | 2157          | 2161        | 2166         | rBV3     | 21872          | 31138         | 1.50%           | 0.291%        |
| 35        | 14.381      | 2172          | 2175        | 2178         | rVV2     | 29431          | 43228         | 2.08%           | 0.405%        |
| 36        | 14.422      | 2178          | 2182        | 2187         | rVV2     | 51935          | 76886         | 3.71%           | 0.720%        |

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Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

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\_D\Method\82D120823S.M  
Title : SW846 8260

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.522 | 2194 | 2199 | 2203 | rVB6 | 26552   | 43511   | 2.10%   | 0.407%  |
| 38 | 14.651 | 2217 | 2221 | 2226 | rBV2 | 29520   | 44969   | 2.17%   | 0.421%  |
| 39 | 14.763 | 2234 | 2240 | 2247 | rBV3 | 59812   | 136177  | 6.56%   | 1.274%  |
| 40 | 14.834 | 2247 | 2252 | 2259 | rVB  | 107508  | 186145  | 8.97%   | 1.742%  |
| 41 | 14.922 | 2259 | 2267 | 2273 | rBV  | 196372  | 332175  | 16.01%  | 3.109%  |
| 42 | 15.028 | 2281 | 2285 | 2289 | rVB7 | 12429   | 22845   | 1.10%   | 0.214%  |
| 43 | 15.134 | 2299 | 2303 | 2312 | rVB7 | 13553   | 27110   | 1.31%   | 0.254%  |
| 44 | 15.328 | 2326 | 2336 | 2346 | rBV  | 1178088 | 2074339 | 100.00% | 19.412% |
| 45 | 15.428 | 2348 | 2353 | 2362 | rVB3 | 30822   | 60433   | 2.91%   | 0.566%  |
| 46 | 16.398 | 2512 | 2518 | 2529 | rVB  | 74450   | 160023  | 7.71%   | 1.498%  |
| 47 | 16.604 | 2543 | 2553 | 2560 | rBV2 | 36594   | 87262   | 4.21%   | 0.817%  |

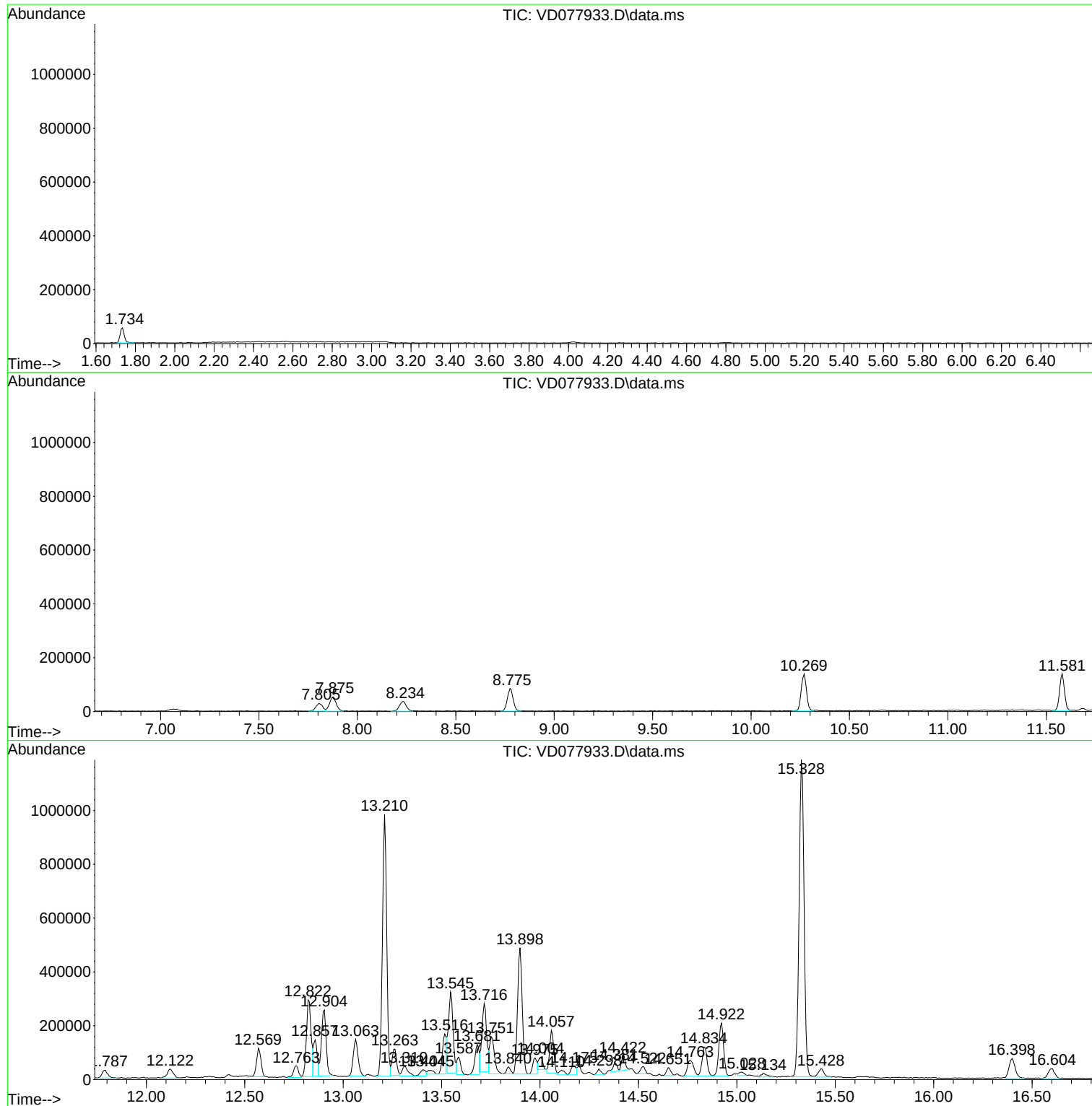
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
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Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

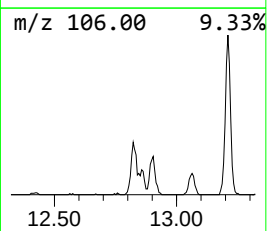
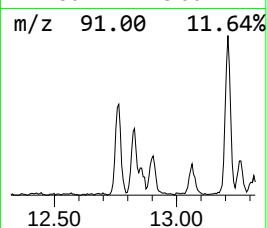
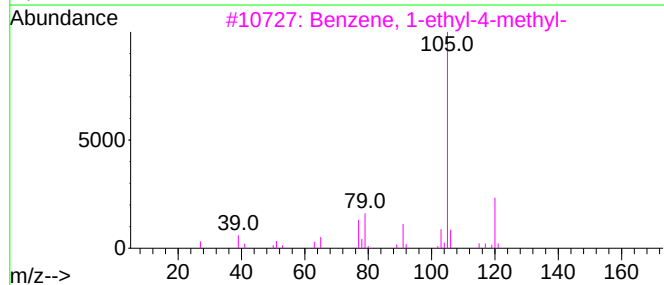
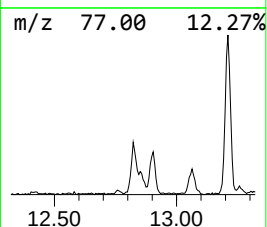
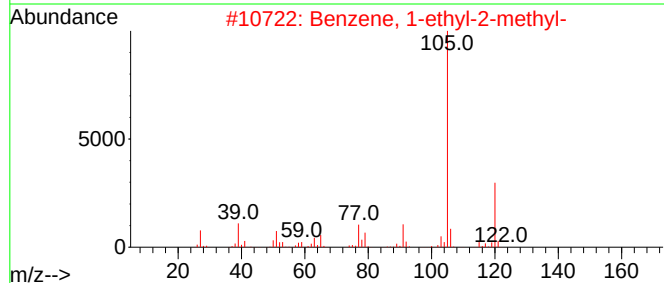
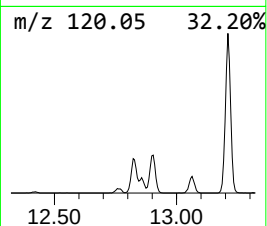
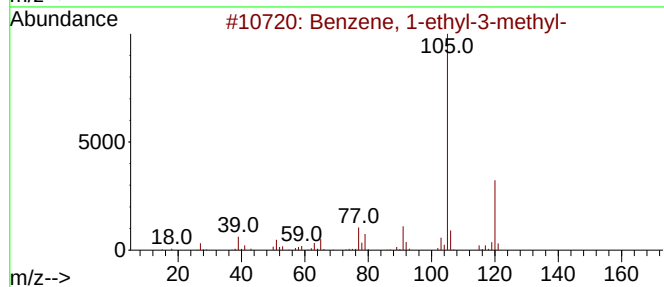
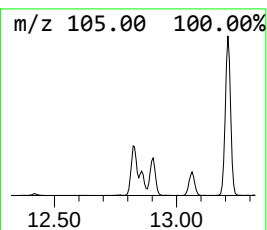
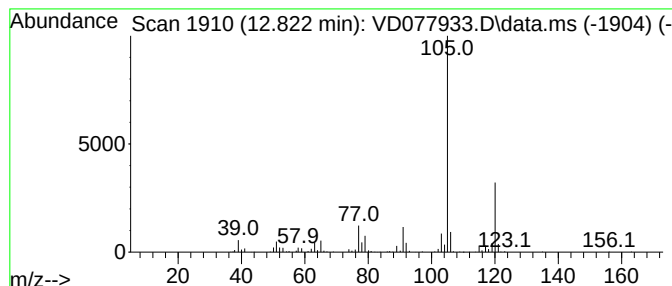
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 12.822 | 124.72 ug/l | 485181 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 97   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 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 : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SoIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

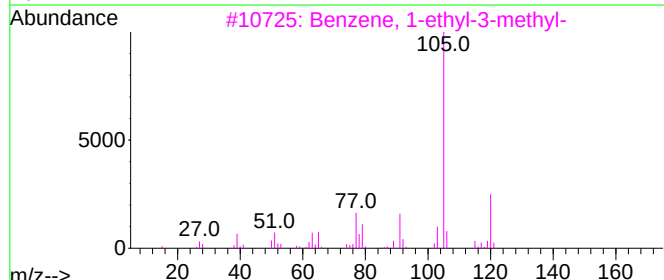
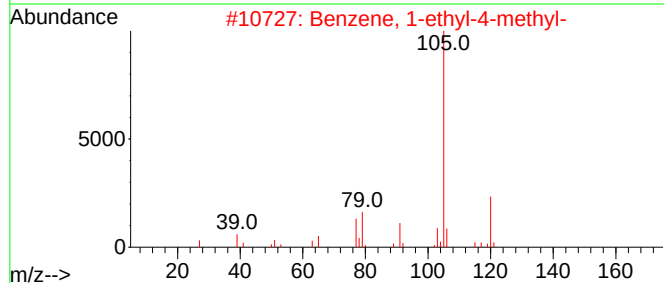
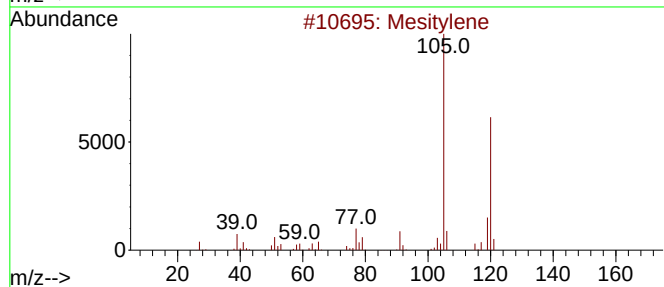
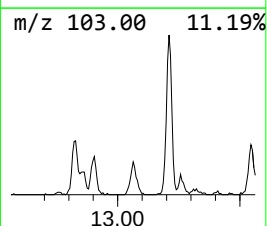
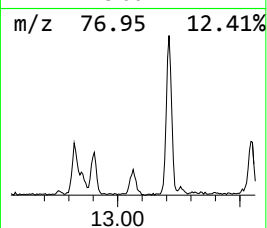
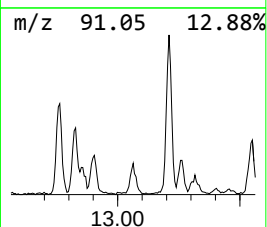
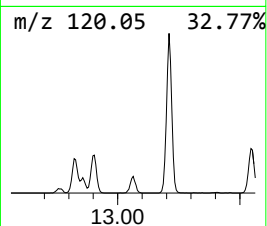
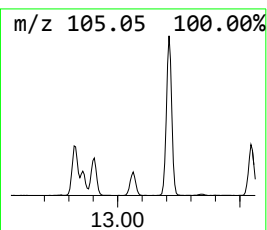
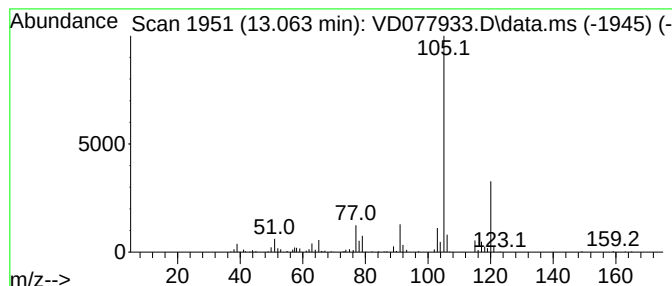
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
Quant Title : SW846 8260

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 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.063 | 60.62 ug/l | 235811 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 90   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 87   |



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Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

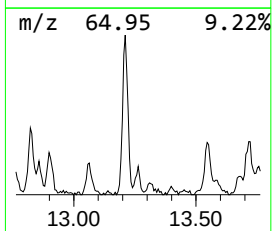
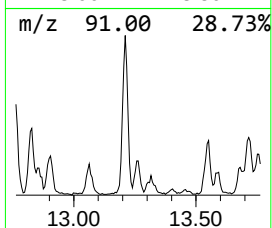
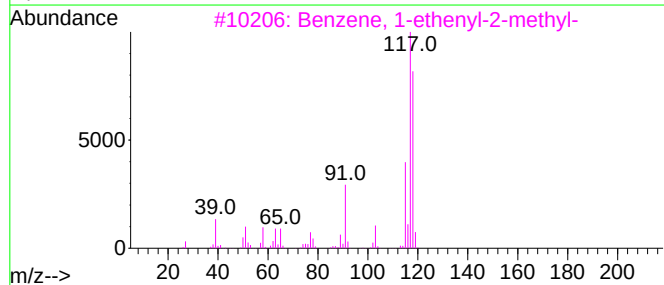
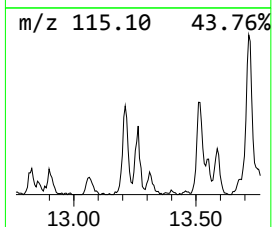
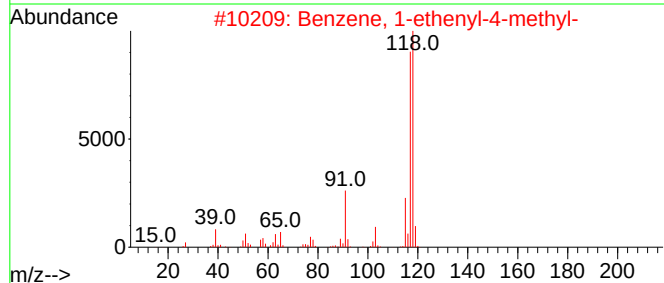
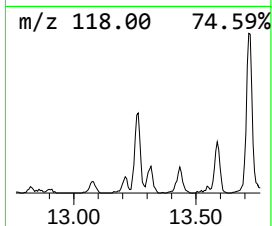
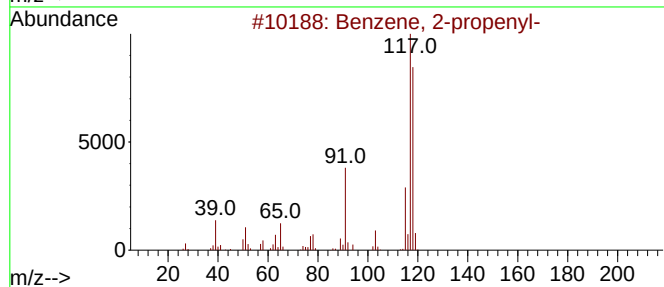
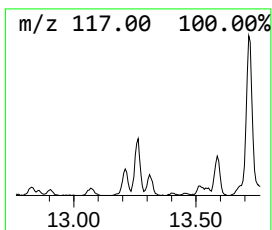
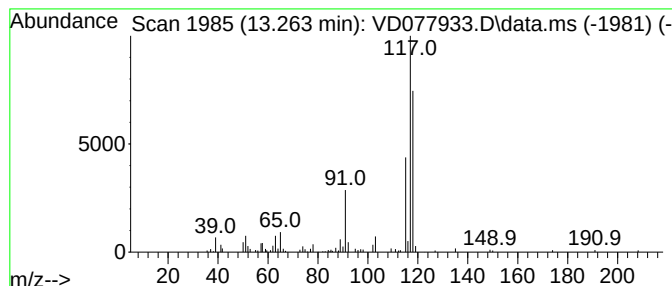
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 2-propenyl- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.263 | 39.39 ug/l | 153250 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 81   |
| 2    |    |   | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10   | 000622-97-9 | 81   |
| 3    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 68   |
| 4    |    |   | (Z)-1-Phenylpropene          | 118 | C9H10   | 000766-90-5 | 68   |
| 5    |    |   | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 68   |



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Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

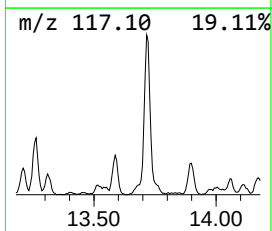
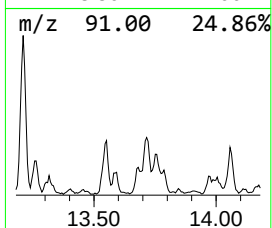
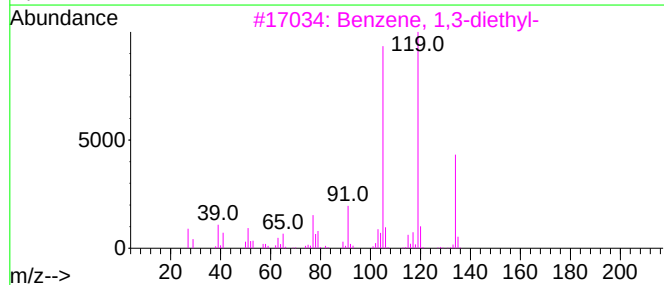
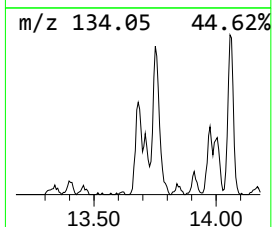
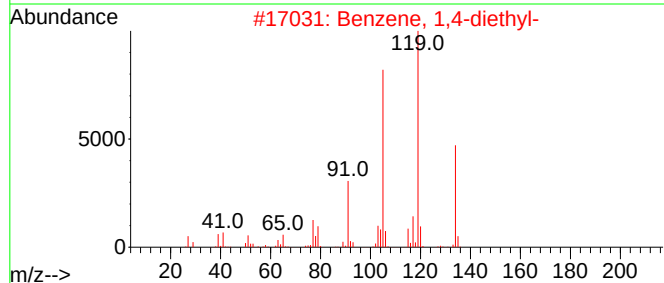
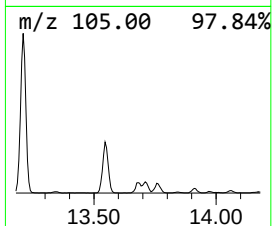
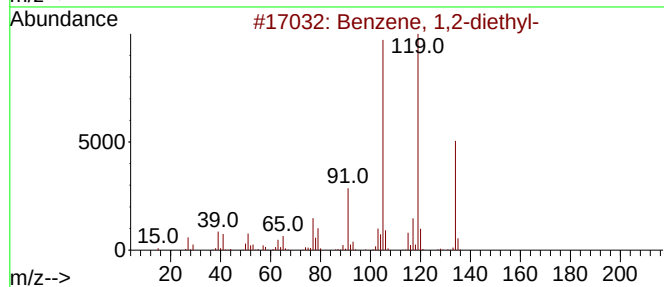
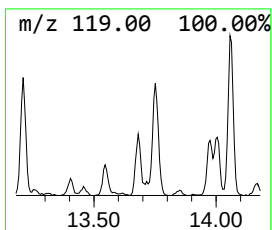
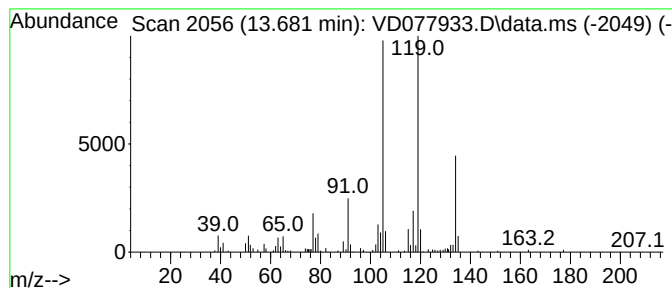
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Quant Title : SW846 8260

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

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Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.681 | 45.33 ug/l | 176363 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 95   |
| 2    |    |   | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 94   |
| 3    |    |   | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 87   |
| 5    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
Acq On : 16 Dec 2023 14:56  
Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
Quant Title : SW846 8260

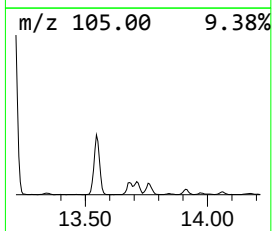
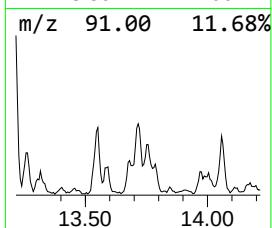
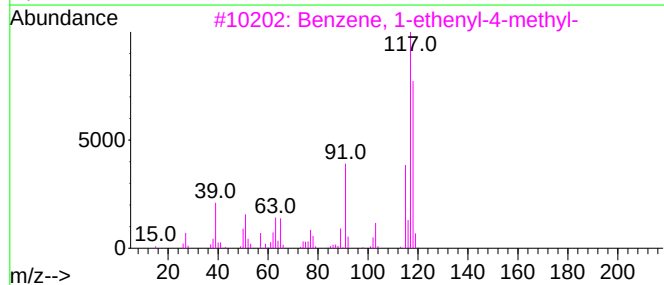
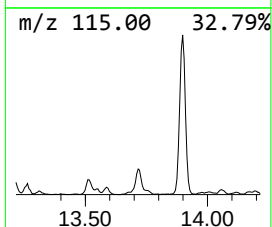
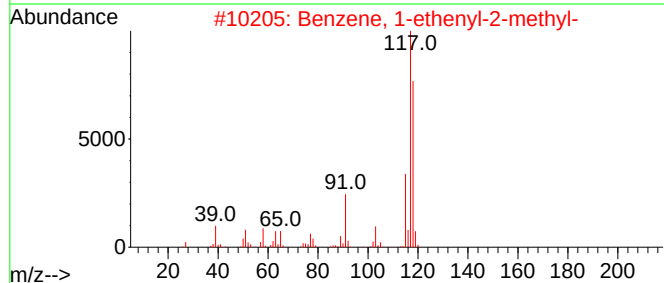
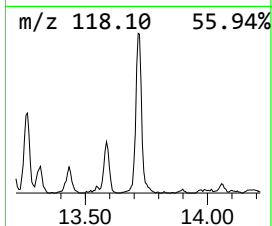
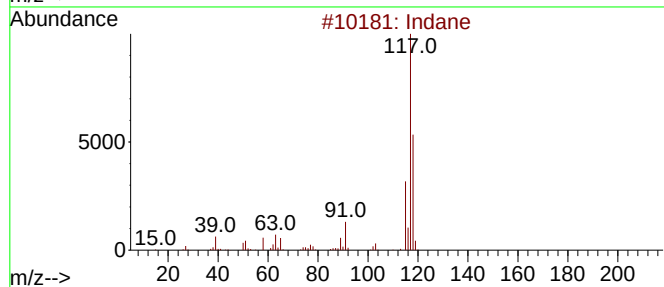
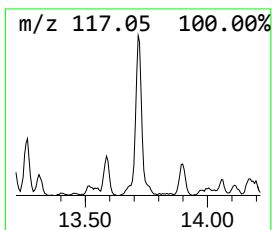
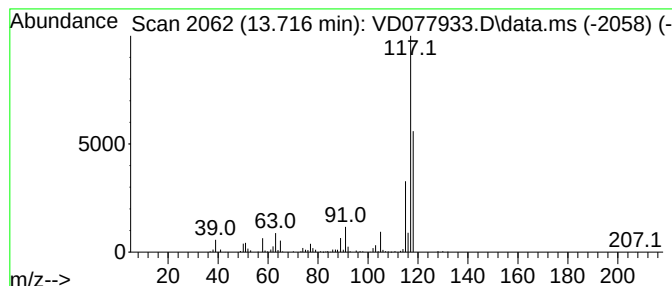
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Indane Concentration Rank 3

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 13.716 | 111.91 ug/l | 435337 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 81   |
| 2    |    |   | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4  | 68   |
| 3    |    |   | Benzene, 1-ethenyl-4-methyl-        | 118 | C9H10   | 000622-97-9  | 64   |
| 4    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 64   |
| 5    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 58   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
Acq On : 16 Dec 2023 14:56  
Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

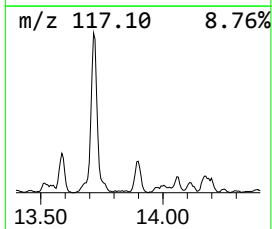
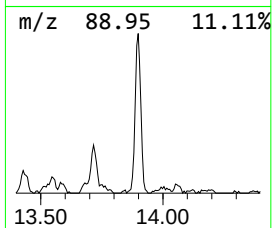
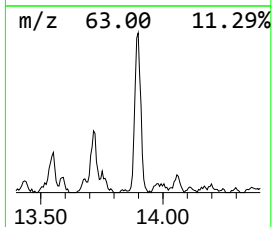
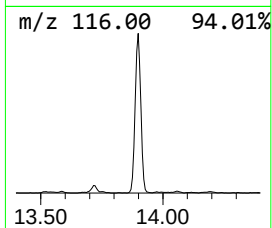
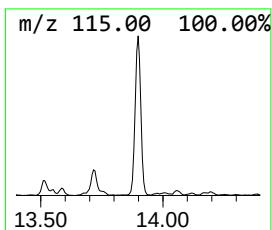
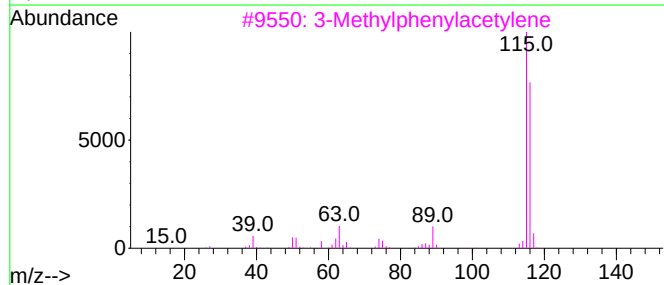
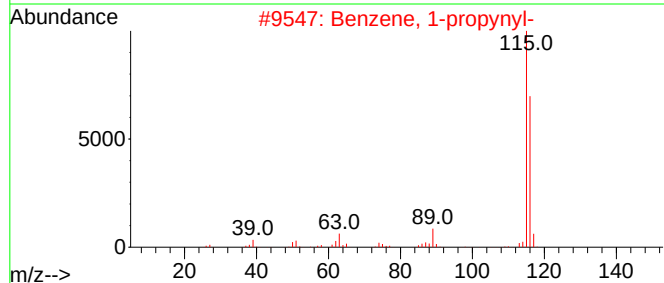
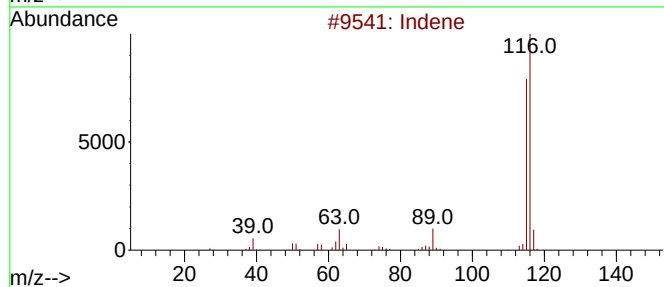
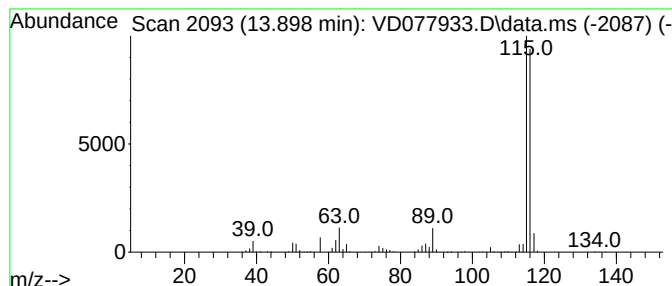
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Quant Title : SW846 8260

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

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Peak Number 6 Indene Concentration Rank 1

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 13.898 | 199.17 ug/l | 774815 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indene                       | 116 | C9H8    | 000095-13-6 | 97   |
| 2    |    |   | Benzene, 1-propynyl-         | 116 | C9H8    | 000673-32-5 | 94   |
| 3    |    |   | 3-Methylphenylacetylene      | 116 | C9H8    | 000766-82-5 | 91   |
| 4    |    |   | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8    | 000766-97-2 | 90   |
| 5    |    |   | 1-Propyne, 3-phenyl-         | 116 | C9H8    | 010147-11-2 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
Acq On : 16 Dec 2023 14:56  
Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

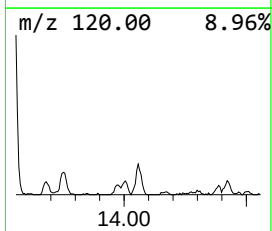
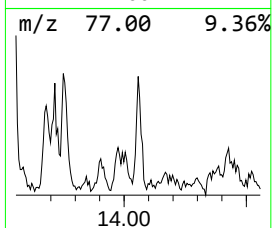
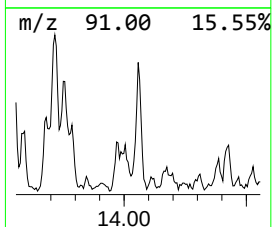
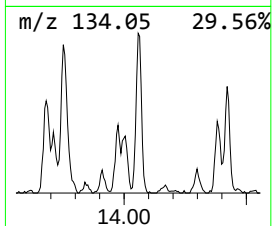
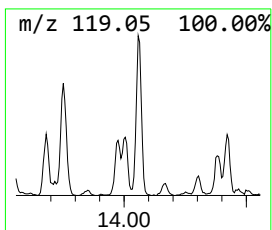
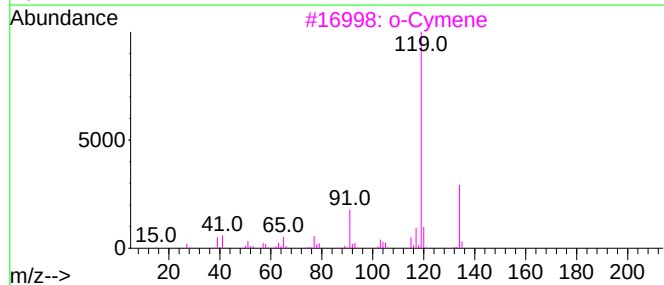
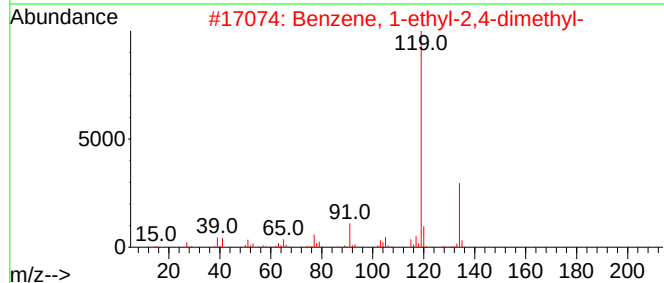
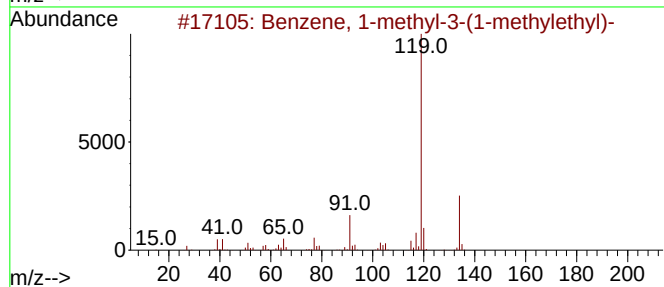
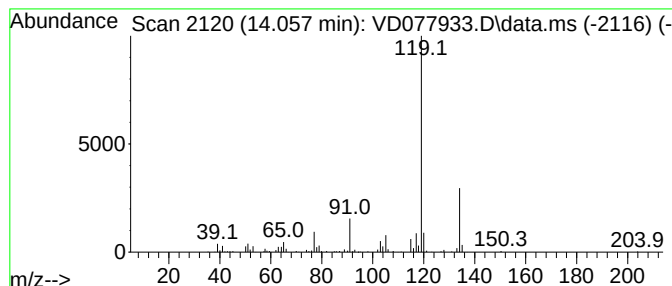
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Quant Title : SW846 8260

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

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Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|------|
| 14.057    | 58.86 ug/l                          | 228997 | 1,4-Dichlorobenzene-d4 |         | 13.516      |      |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#        | Qual |
| 1         | Benzene, 1-methyl-3-(1-methyleth... |        | 134                    | C10H14  | 000535-77-3 | 95   |
| 2         | Benzene, 1-ethyl-2,4-dimethyl-      |        | 134                    | C10H14  | 000874-41-9 | 94   |
| 3         | o-Cymene                            |        | 134                    | C10H14  | 000527-84-4 | 94   |
| 4         | p-Cymene                            |        | 134                    | C10H14  | 000099-87-6 | 94   |
| 5         | Benzene, 4-ethyl-1,2-dimethyl-      |        | 134                    | C10H14  | 000934-80-5 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
Acq On : 16 Dec 2023 14:56  
Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

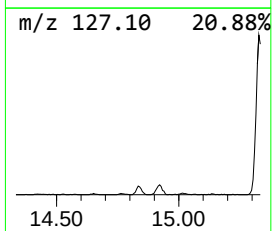
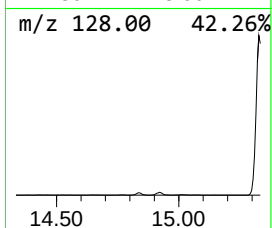
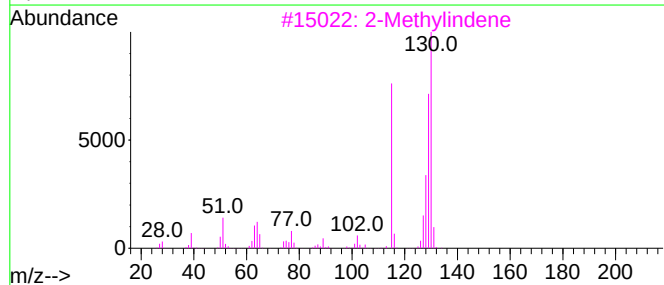
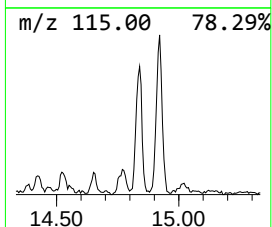
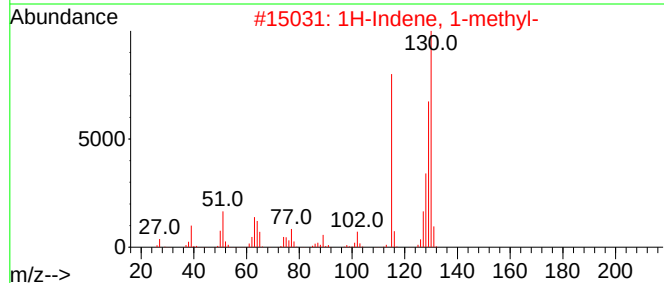
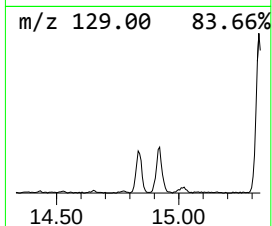
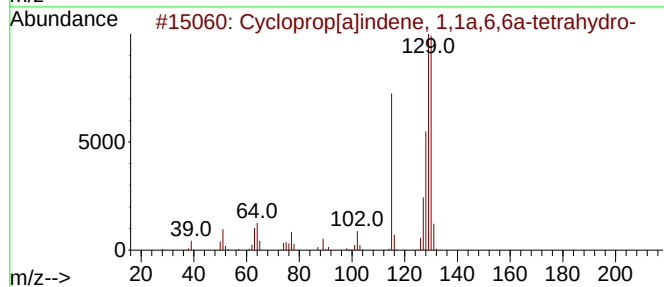
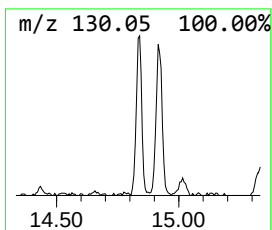
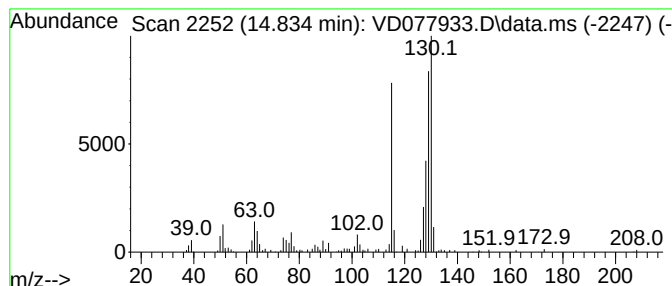
Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
Quant Title : SW846 8260

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

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Peak Number 8 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         |             | R.T.   |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|--------|
| 14.834    | 47.85 ug/l                          | 186145 | 1,4-Dichlorobenzene-d4 |         |             | 13.516 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#        | Qual   |
| 1         | Cycloprop[a]indene, 1,1a,6,6a-te... |        | 130                    | C10H10  | 015677-15-3 | 96     |
| 2         | 1H-Indene, 1-methyl-                |        | 130                    | C10H10  | 000767-59-9 | 95     |
| 3         | 2-Methylindene                      |        | 130                    | C10H10  | 002177-47-1 | 95     |
| 4         | Naphthalene, 1,2-dihydro-           |        | 130                    | C10H10  | 000447-53-0 | 93     |
| 5         | 1,4-Dihydronaphthalene              |        | 130                    | C10H10  | 000612-17-9 | 92     |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
Acq On : 16 Dec 2023 14:56  
Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

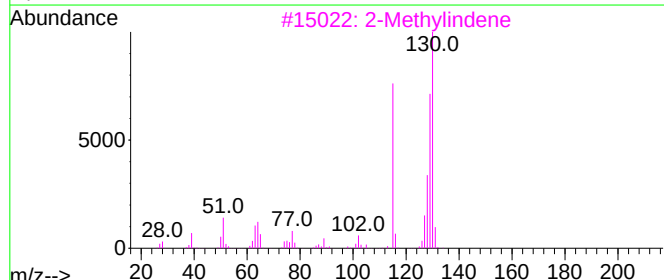
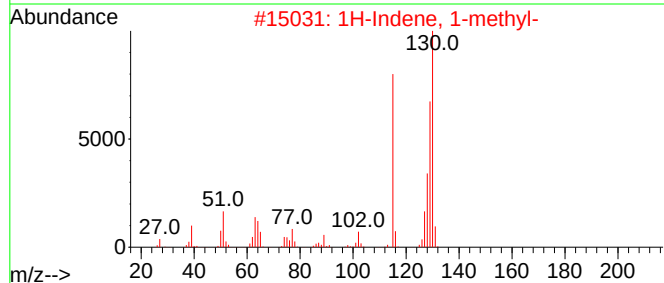
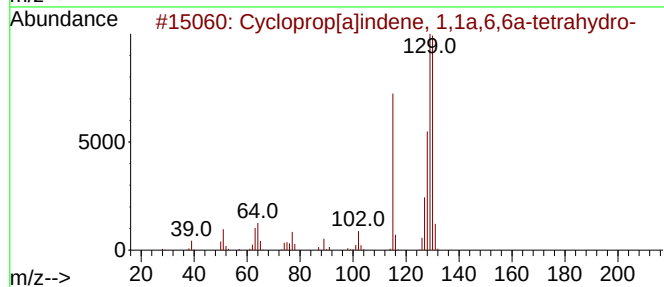
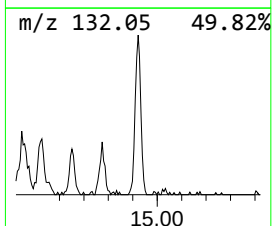
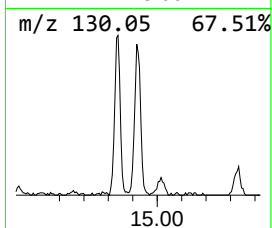
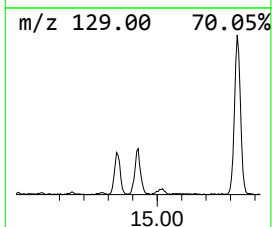
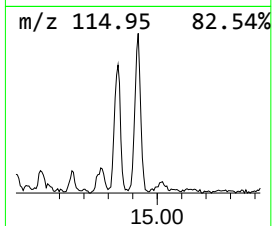
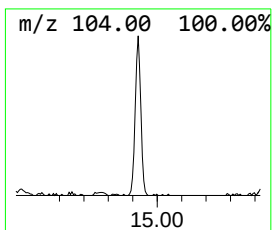
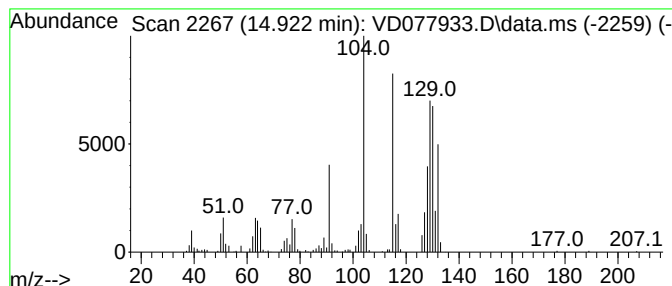
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Quant Title : SW846 8260

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

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Peak Number 9 1H-Indene, 1-methyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.922 | 85.39 ug/l | 332175 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10  | 015677-15-3 | 83   |
| 2    |    |   | 1H-Indene, 1-methyl-                | 130 | C10H10  | 000767-59-9 | 50   |
| 3    |    |   | 2-Methylindene                      | 130 | C10H10  | 002177-47-1 | 50   |
| 4    |    |   | 2a,4a,6a,6b-Tetrahydrocyclopenta... | 130 | C10H10  | 006053-74-3 | 46   |
| 5    |    |   | Benzene, 1-butynyl-                 | 130 | C10H10  | 000622-76-4 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
Acq On : 16 Dec 2023 14:56  
Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
E8965C-5-001

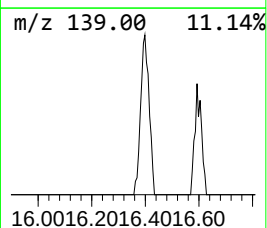
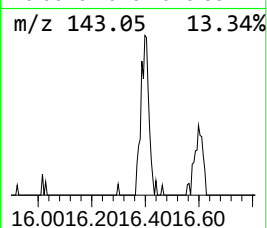
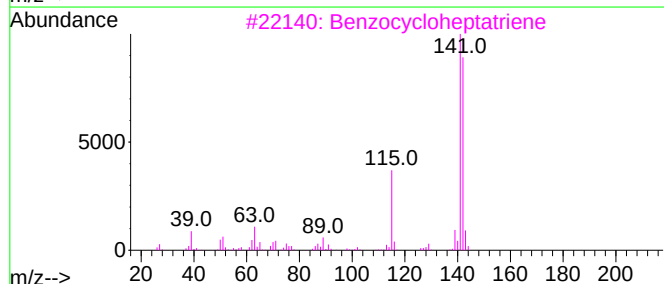
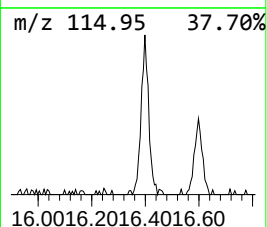
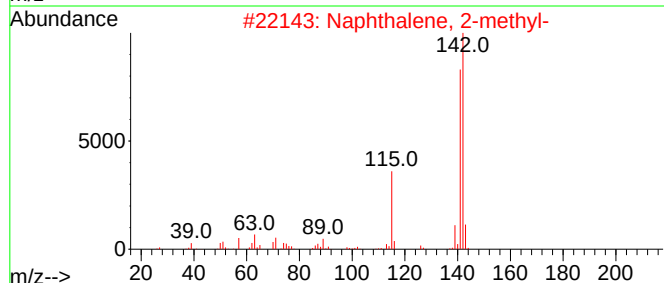
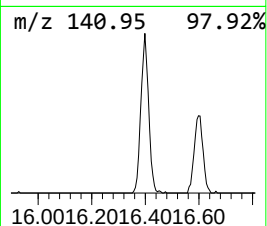
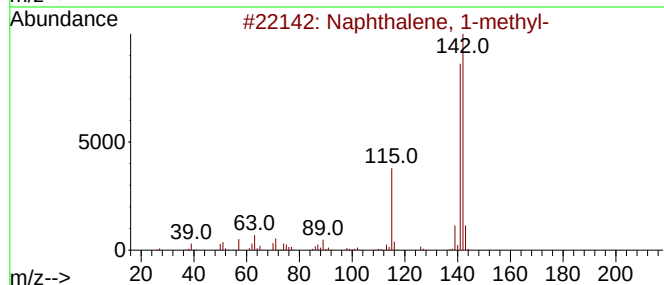
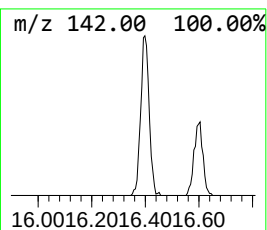
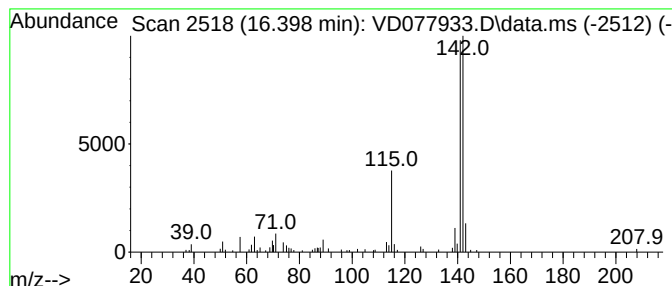
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Quant Title : SW846 8260

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

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Peak Number 10 Benzocycloheptatriene Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.398 | 41.13 ug/l | 160023 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 97   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 97   |
| 3    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 4    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 90   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
Data File : VD077933.D  
Acq On : 16 Dec 2023 14:56  
Operator : RP/MD  
Sample : 05789-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E8965C-5-001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.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... | 12.822 | 124.7   | ug/l  | 485181   | 4                     | 13.516 | 194512 | 50.0 |
| Benzene, 1-ethy... | 13.063 | 60.6    | ug/l  | 235811   | 4                     | 13.516 | 194512 | 50.0 |
| Benzene, 2-prop... | 13.263 | 39.4    | ug/l  | 153250   | 4                     | 13.516 | 194512 | 50.0 |
| Benzene, 1,2-di... | 13.681 | 45.3    | ug/l  | 176363   | 4                     | 13.516 | 194512 | 50.0 |
| Indane             | 13.716 | 111.9   | ug/l  | 435337   | 4                     | 13.516 | 194512 | 50.0 |
| Indene             | 13.898 | 199.2   | ug/l  | 774815   | 4                     | 13.516 | 194512 | 50.0 |
| Benzene, 1-meth... | 14.057 | 58.9    | ug/l  | 228997   | 4                     | 13.516 | 194512 | 50.0 |
| Cycloprop[a]ind... | 14.834 | 47.9    | ug/l  | 186145   | 4                     | 13.516 | 194512 | 50.0 |
| 1H-Indene, 1-me... | 14.922 | 85.4    | ug/l  | 332175   | 4                     | 13.516 | 194512 | 50.0 |
| Benzocyclohepta... | 16.398 | 41.1    | ug/l  | 160023   | 4                     | 13.516 | 194512 | 50.0 |