

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052925\  
 Data File : VX046405.D  
 Acq On : 29 May 2025 17:30  
 Operator : JC/MD  
 Sample : Q2155-03 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 447-WATER

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\82X050525W.M  
 Title : SW846 8260

Signal : TIC: VX046405.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         | 1.447       | 56            | 59          | 67           | rVB      | 3656           | 4863          | 1.07%           | 0.147%        |
| 2         | 1.587       | 70            | 82          | 86           | rBV4     | 5089           | 13748         | 3.04%           | 0.416%        |
| 3         | 2.063       | 153           | 160         | 170          | rBV      | 19340          | 31393         | 6.94%           | 0.950%        |
| 4         | 2.380       | 206           | 212         | 221          | rBV      | 4453           | 8281          | 1.83%           | 0.251%        |
| 5         | 5.385       | 693           | 705         | 722          | rBV      | 54483          | 159822        | 35.31%          | 4.838%        |
| 6         | 5.544       | 722           | 731         | 747          | rVV2     | 73942          | 213490        | 47.17%          | 6.462%        |
| 7         | 5.952       | 790           | 798         | 811          | rBV      | 62036          | 165724        | 36.61%          | 5.016%        |
| 8         | 6.757       | 922           | 930         | 948          | rBV      | 135862         | 327191        | 72.29%          | 9.904%        |
| 9         | 8.647       | 1234          | 1240        | 1256         | rBV      | 291165         | 452623        | 100.00%         | 13.700%       |
| 10        | 10.049      | 1465          | 1470        | 1481         | rBV      | 293276         | 419311        | 92.64%          | 12.692%       |
| 11        | 10.988      | 1620          | 1624        | 1634         | rBV      | 19884          | 34090         | 7.53%           | 1.032%        |
| 12        | 11.079      | 1634          | 1639        | 1652         | rVB      | 255300         | 324701        | 71.74%          | 9.828%        |
| 13        | 11.969      | 1781          | 1785        | 1788         | rVV2     | 8172           | 9339          | 2.06%           | 0.283%        |
| 14        | 12.018      | 1788          | 1793        | 1802         | rVV      | 315293         | 384216        | 84.89%          | 11.630%       |
| 15        | 12.097      | 1802          | 1806        | 1812         | rVB3     | 6376           | 9227          | 2.04%           | 0.279%        |
| 16        | 12.579      | 1880          | 1885        | 1898         | rBV      | 130219         | 209241        | 46.23%          | 6.333%        |
| 17        | 12.817      | 1919          | 1924        | 1930         | rBV2     | 18146          | 23277         | 5.14%           | 0.705%        |
| 18        | 13.426      | 2017          | 2024        | 2033         | rBV8     | 3683           | 8944          | 1.98%           | 0.271%        |
| 19        | 13.731      | 2069          | 2074        | 2078         | rBV2     | 23698          | 31806         | 7.03%           | 0.963%        |
| 20        | 14.188      | 2143          | 2149        | 2160         | rBV3     | 36057          | 79546         | 17.57%          | 2.408%        |
| 21        | 14.444      | 2187          | 2191        | 2195         | rBV2     | 12652          | 19101         | 4.22%           | 0.578%        |
| 22        | 14.481      | 2195          | 2197        | 2201         | rVB5     | 5857           | 7088          | 1.57%           | 0.215%        |
| 23        | 14.548      | 2204          | 2208        | 2210         | rBV5     | 4346           | 5795          | 1.28%           | 0.175%        |
| 24        | 14.615      | 2216          | 2219        | 2224         | rBV5     | 11516          | 17493         | 3.86%           | 0.529%        |
| 25        | 14.670      | 2225          | 2228        | 2232         | rVV4     | 8568           | 9175          | 2.03%           | 0.278%        |
| 26        | 14.749      | 2238          | 2241        | 2244         | rBV4     | 10527          | 11785         | 2.60%           | 0.357%        |
| 27        | 14.792      | 2244          | 2248        | 2250         | rBV5     | 7114           | 8104          | 1.79%           | 0.245%        |
| 28        | 14.841      | 2254          | 2256        | 2260         | rVB4     | 9940           | 12955         | 2.86%           | 0.392%        |
| 29        | 15.036      | 2286          | 2288        | 2292         | rBV4     | 7113           | 8846          | 1.95%           | 0.268%        |
| 30        | 15.182      | 2308          | 2312        | 2320         | rBV4     | 23280          | 57793         | 12.77%          | 1.749%        |
| 31        | 15.316      | 2331          | 2334        | 2339         | rVB7     | 10703          | 18021         | 3.98%           | 0.545%        |
| 32        | 15.377      | 2340          | 2344        | 2346         | rBV4     | 15225          | 21941         | 4.85%           | 0.664%        |
| 33        | 15.414      | 2346          | 2350        | 2358         | rVB4     | 42055          | 64397         | 14.23%          | 1.949%        |
| 34        | 15.493      | 2358          | 2363        | 2367         | rBV7     | 11926          | 29616         | 6.54%           | 0.896%        |
| 35        | 15.737      | 2400          | 2403        | 2407         | rVB4     | 20648          | 27296         | 6.03%           | 0.826%        |
| 36        | 15.859      | 2419          | 2423        | 2429         | rVB6     | 16914          | 32829         | 7.25%           | 0.994%        |

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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

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\82X050525W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 16.084 | 2456 | 2460 | 2466 | rBV7 | 20346 | 40697 | 8.99% | 1.232% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

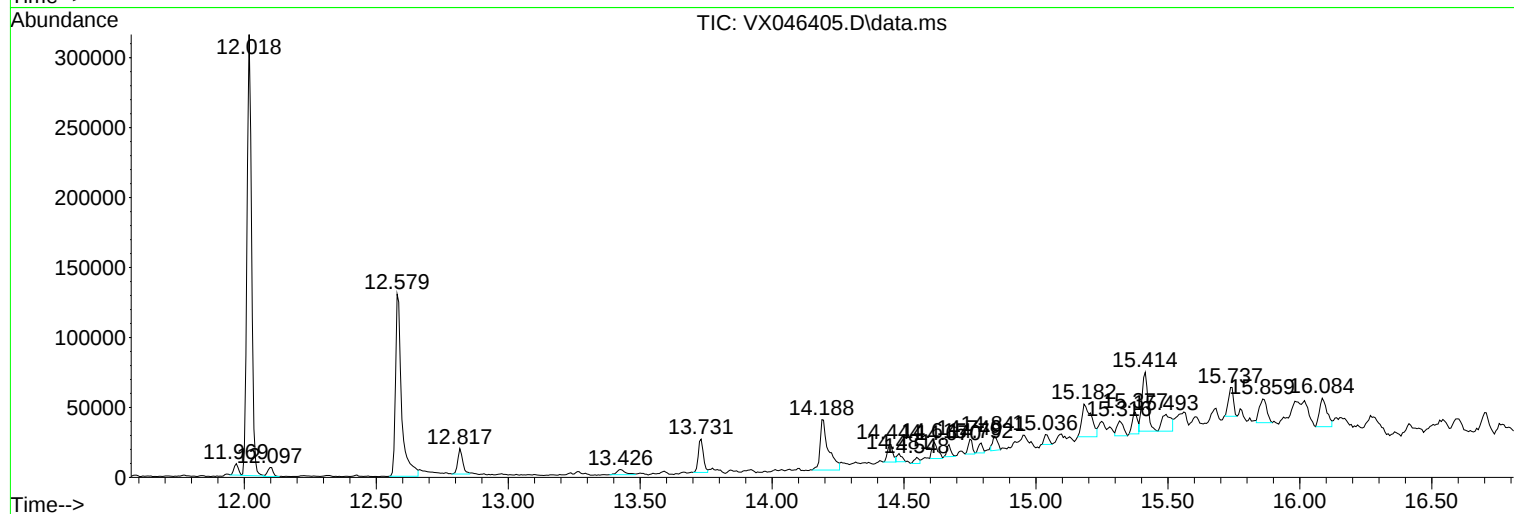
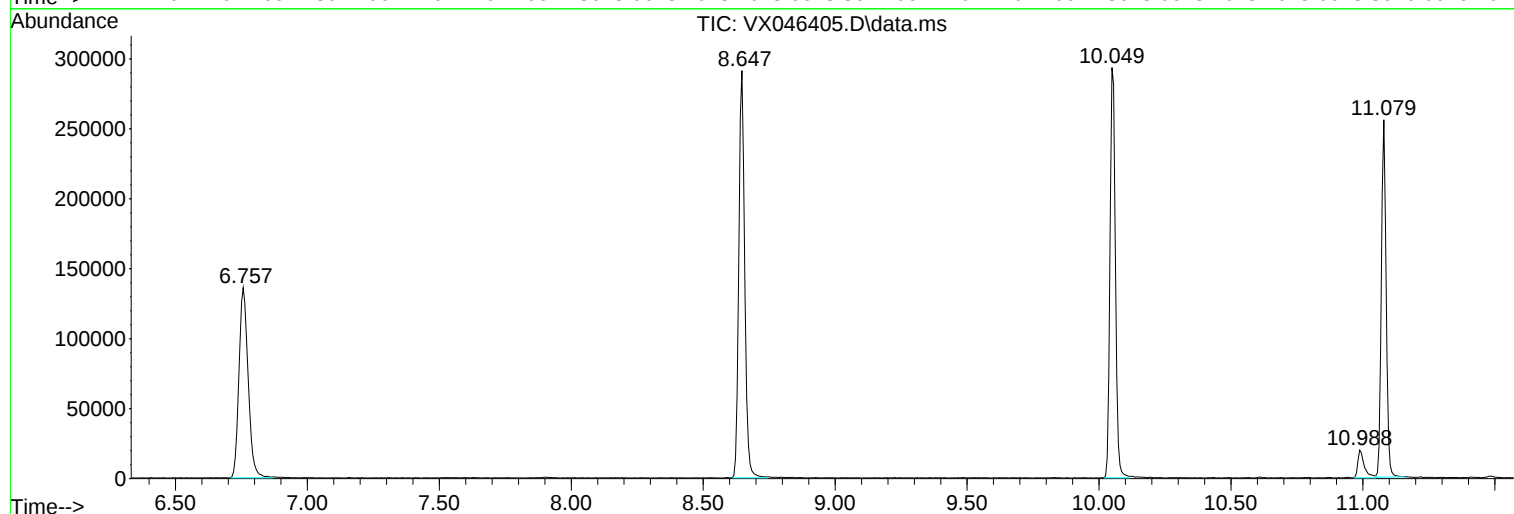
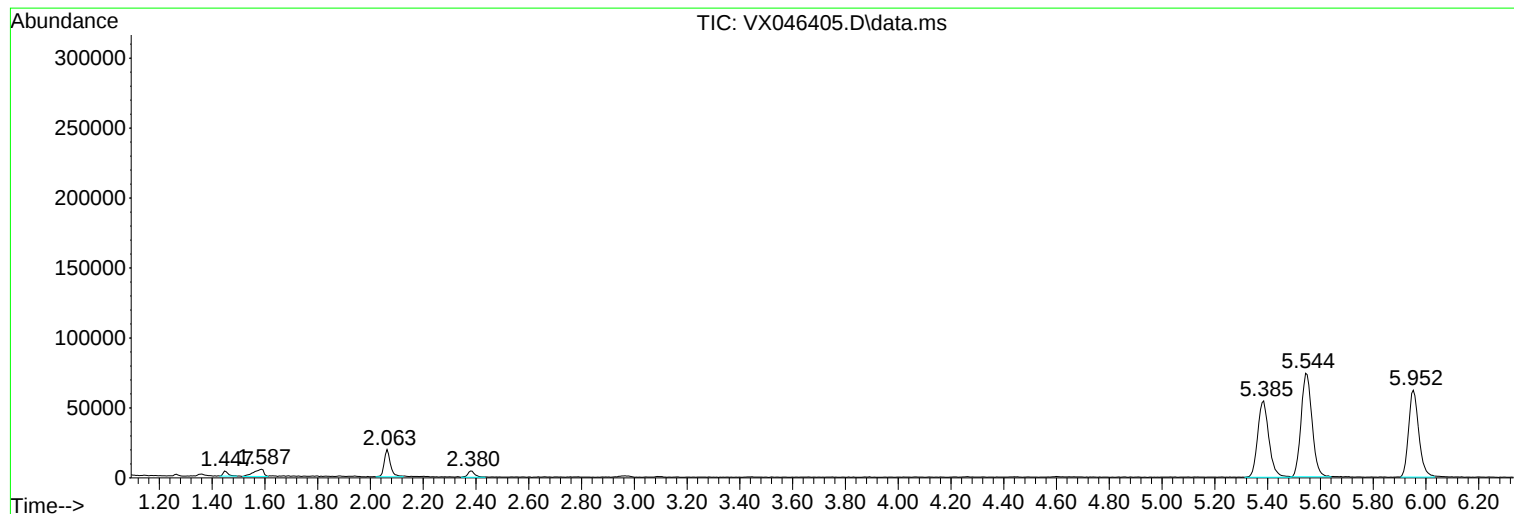
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MSVOA\_X  
ClientSampleId :  
447-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260

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



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Sample : Q2155-03 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260

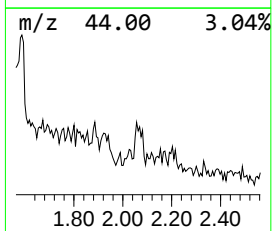
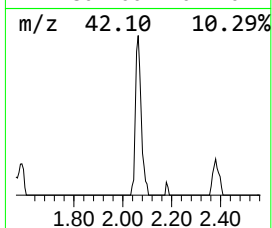
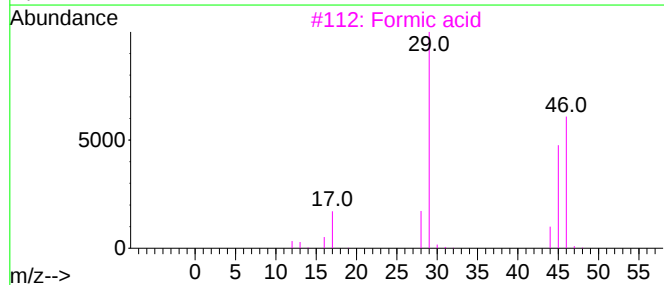
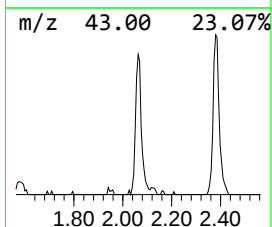
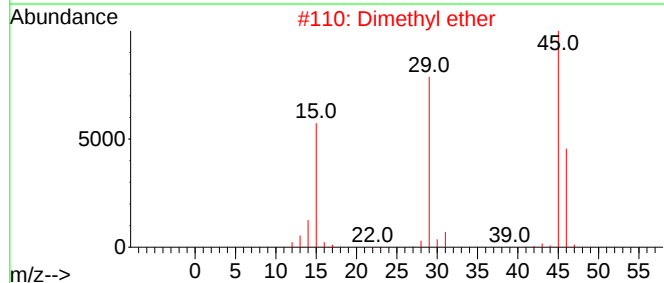
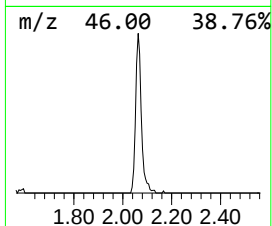
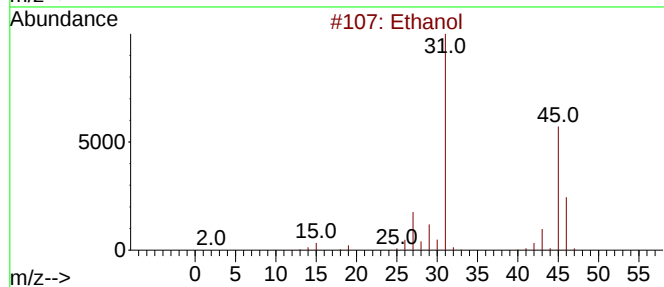
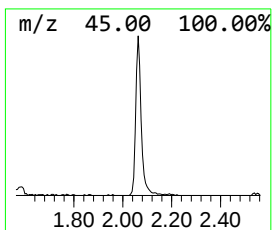
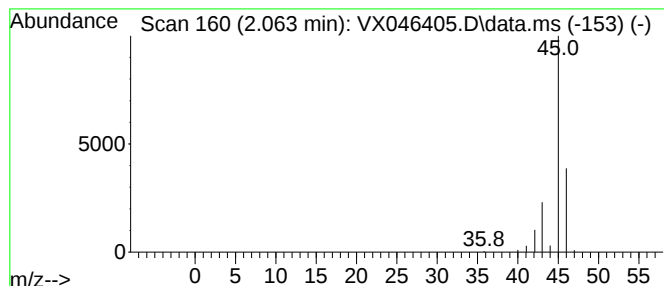
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethanol Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.063 | 7.35 ug/l | 31393 | Pentafluorobenzene | 5.550 |

| Hit# | of                | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-------------------|---|--------------|----|---------|-------------|------|
| 1    | Ethanol           |   |              | 46 | C2H6O   | 000064-17-5 | 74   |
| 2    | Dimethyl ether    |   |              | 46 | C2H6O   | 000115-10-6 | 9    |
| 3    | Formic acid       |   |              | 46 | CH2O2   | 000064-18-6 | 4    |
| 4    | Methane, nitroso- |   |              | 45 | CH3NO   | 000865-40-7 | 3    |
| 5    | 4-Penten-2-ol     |   |              | 86 | C5H10O  | 000625-31-0 | 2    |



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Sample : Q2155-03 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260

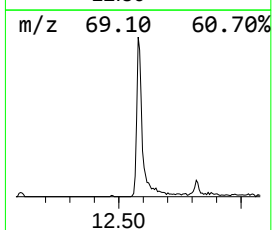
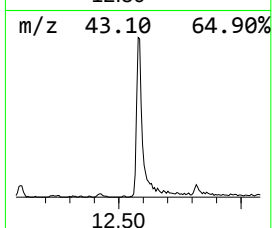
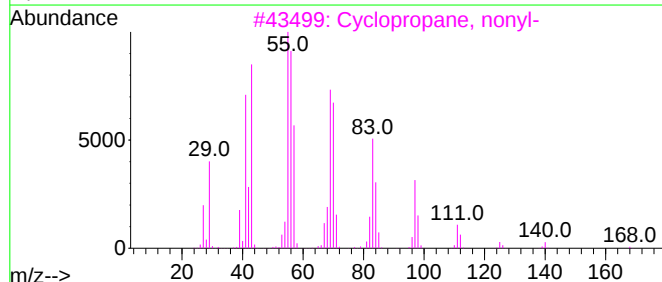
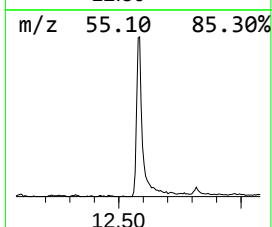
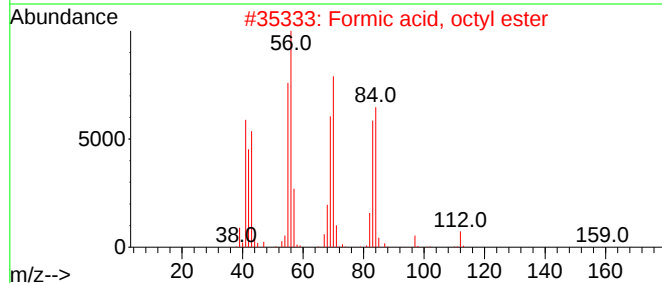
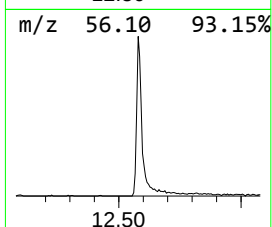
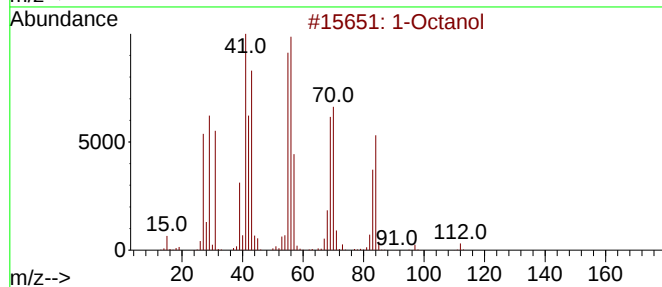
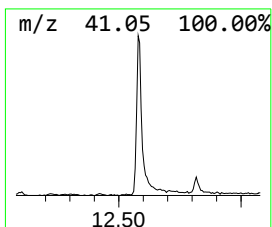
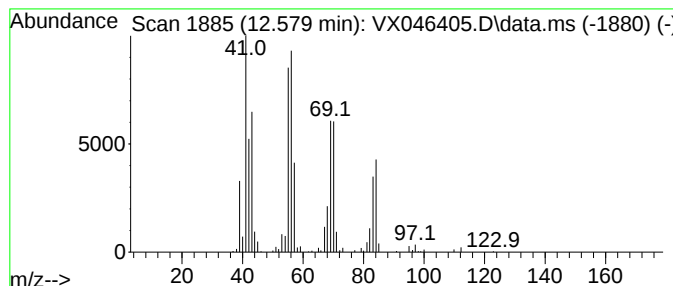
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Octanol Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.579 | 27.23 ug/l | 209241 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# | of 5                         | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------------|--------------|-----|---------|-------------|------|
| 1    | 1-Octanol                    |              | 130 | C8H18O  | 000111-87-5 | 91   |
| 2    | Formic acid, octyl ester     |              | 158 | C9H18O2 | 000112-32-3 | 90   |
| 3    | Cyclopropane, nonyl-         |              | 168 | C12H24  | 074663-85-7 | 59   |
| 4    | 1-Hexene                     |              | 84  | C6H12   | 000592-41-6 | 52   |
| 5    | Cyclobutanone, 2,2-dimethyl- |              | 98  | C6H10O  | 001192-14-9 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052925\  
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Sample : Q2155-03 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260

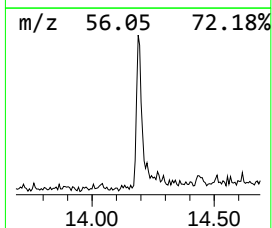
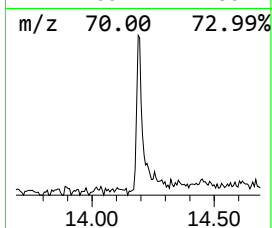
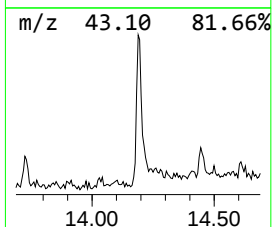
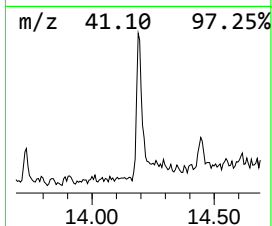
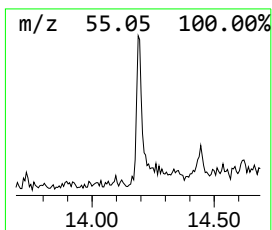
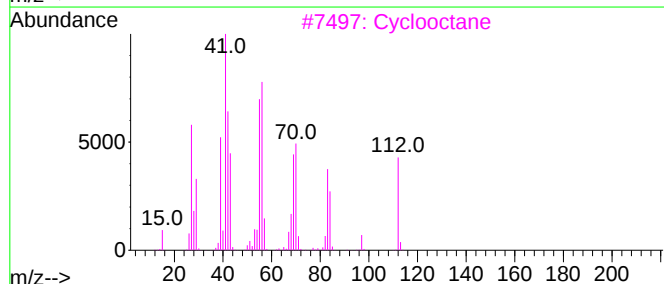
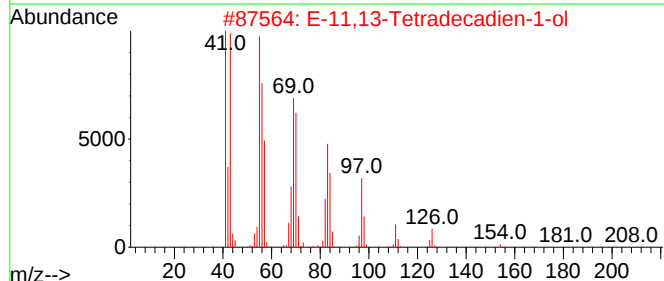
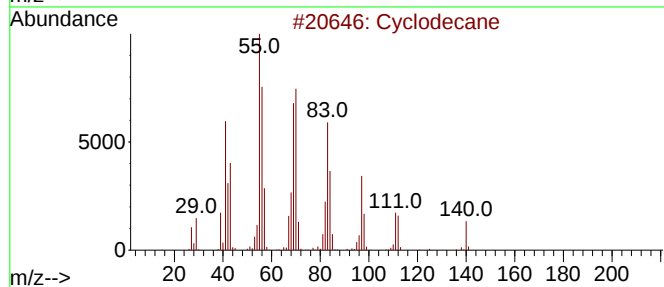
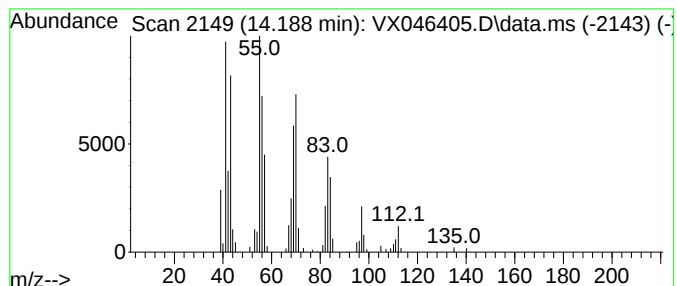
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Cyclodecane Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 14.188 | 10.35 ug/l | 79546 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclodecane                     | 140 | C10H20  | 000293-96-9  | 94   |
| 2    |    |   | E-11,13-Tetradecadien-1-ol      | 210 | C14H26O | 1000131-00-3 | 90   |
| 3    |    |   | Cyclooctane                     | 112 | C8H16   | 000292-64-8  | 81   |
| 4    |    |   | Cyclopropane, octyl-            | 154 | C11H22  | 001472-09-9  | 72   |
| 5    |    |   | Cyclopropane, 1-ethyl-2-heptyl- | 168 | C12H24  | 074663-86-8  | 68   |



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Sample : Q2155-03 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

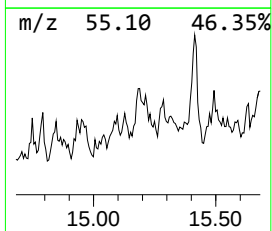
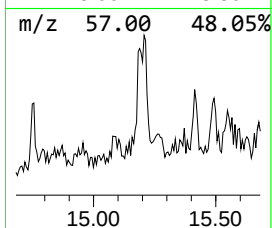
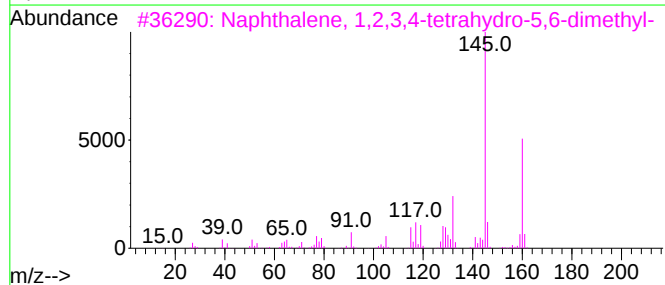
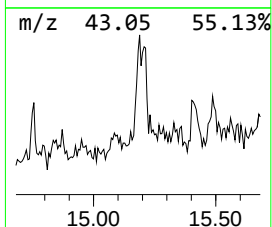
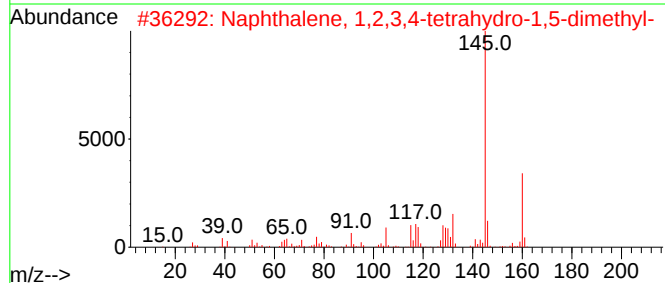
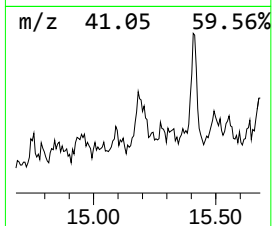
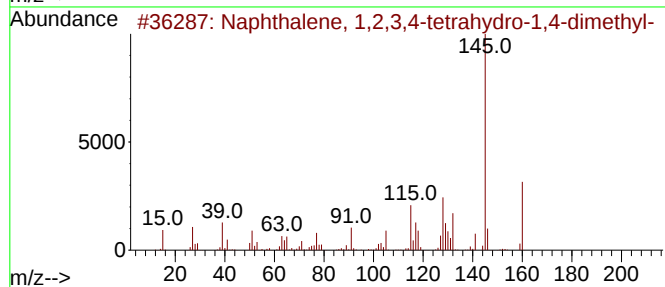
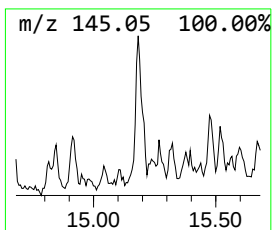
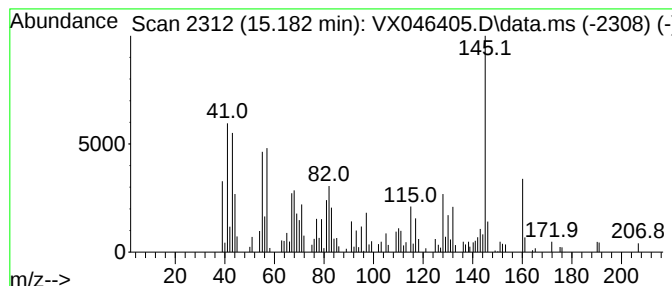
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.182 | 7.52 ug/l | 57793 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 87   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 83   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 020027-77-4 | 70   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 68   |
| 5    |    |   | 1H-Inden-1-one, 2,3-dihydro-3,3-... | 160 | C11H12O | 026465-81-6 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052925\  
Data File : VX046405.D  
Acq On : 29 May 2025 17:30  
Operator : JC/MD  
Sample : Q2155-03 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260

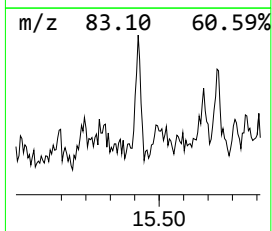
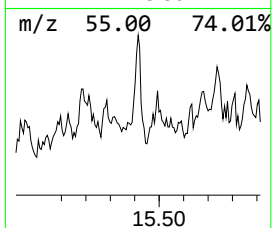
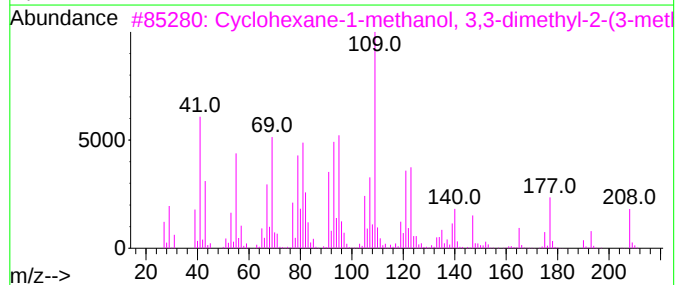
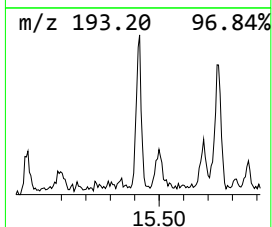
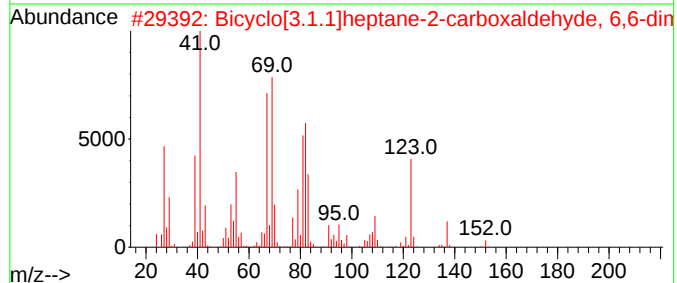
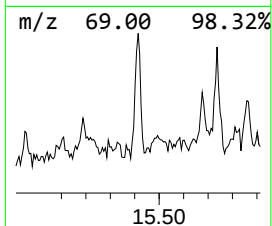
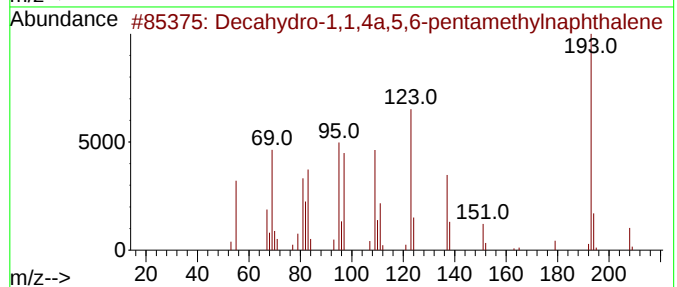
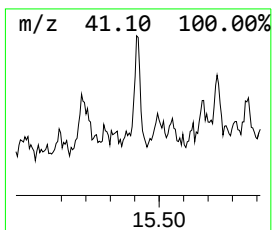
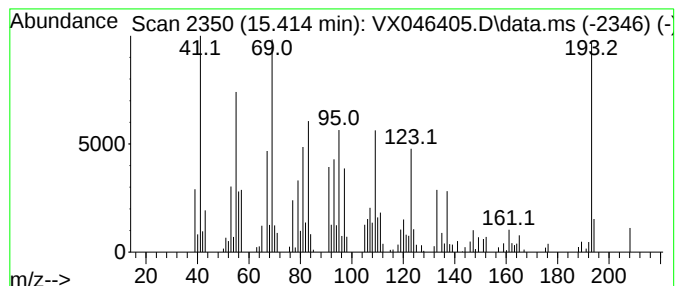
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.414 | 8.38 ug/l | 64397 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28  | 080655-44-3  | 78   |
| 2    |    |   | Bicyclo[3.1.1]heptane-2-carboxal... | 152 | C10H16O | 004764-14-1  | 27   |
| 3    |    |   | Cyclohexane-1-methanol, 3,3-dime... | 208 | C14H24O | 1000196-01-5 | 25   |
| 4    |    |   | 2-Anthracenamine                    | 193 | C14H11N | 000613-13-8  | 22   |
| 5    |    |   | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 015358-88-0  | 18   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052925\  
Data File : VX046405.D  
Acq On : 29 May 2025 17:30  
Operator : JC/MD  
Sample : Q2155-03 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

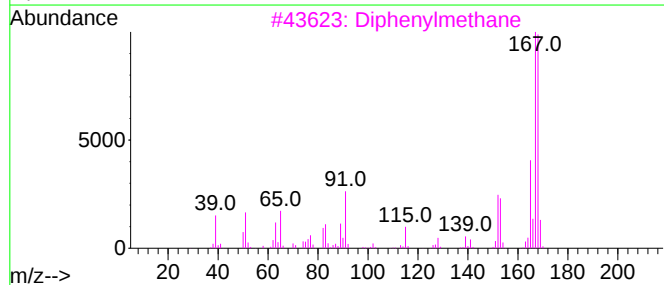
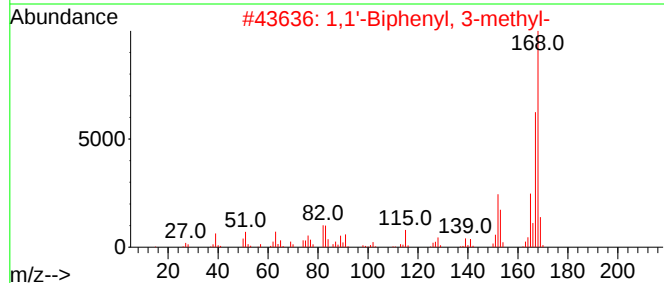
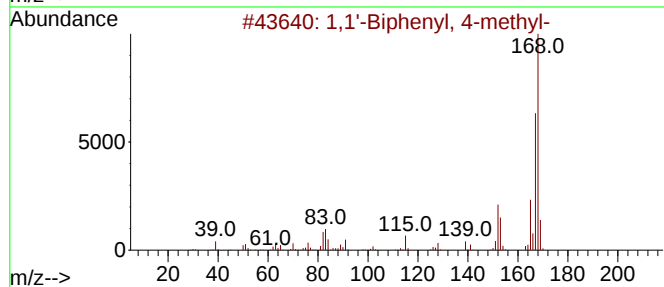
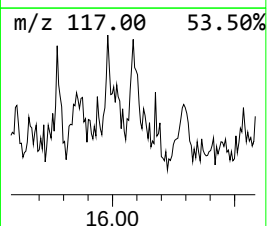
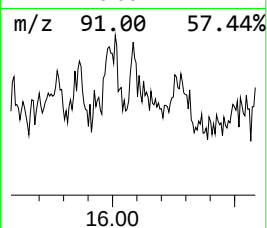
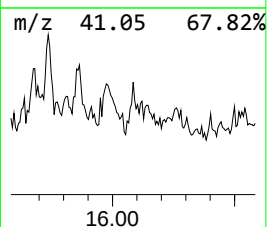
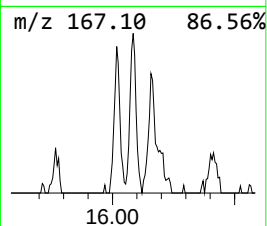
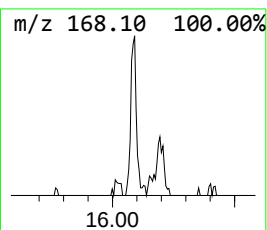
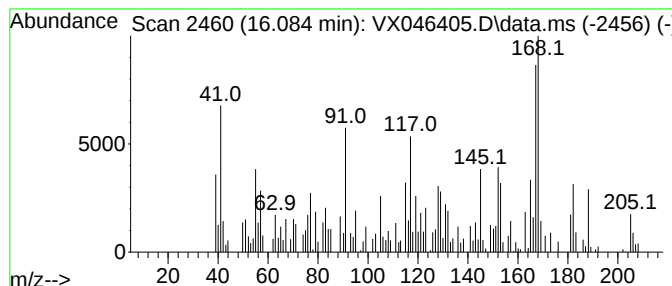
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260

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

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Peak Number 6 1,1'-Biphenyl, 4-methyl- Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.084 | 5.30 ug/l | 40697 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12  | 000644-08-6 | 87   |
| 2    |    |   | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12  | 000643-93-6 | 70   |
| 3    |    |   | Diphenylmethane          | 168 | C13H12  | 000101-81-5 | 70   |
| 4    |    |   | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12  | 000643-58-3 | 55   |
| 5    |    |   | 2,2'-Dimethylbiphenyl    | 182 | C14H14  | 000605-39-0 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052925\  
Data File : VX046405.D  
Acq On : 29 May 2025 17:30  
Operator : JC/MD  
Sample : Q2155-03 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
447-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.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 |
| Ethanol            | 2.063  | 7.3     | ug/l  | 31393    | 1                     | 5.550  | 213490 | 50.0 |
| 1-Octanol          | 12.579 | 27.2    | ug/l  | 209241   | 4                     | 12.018 | 384216 | 50.0 |
| Cyclodecane        | 14.188 | 10.4    | ug/l  | 79546    | 4                     | 12.018 | 384216 | 50.0 |
| Naphthalene, 1,... | 15.182 | 7.5     | ug/l  | 57793    | 4                     | 12.018 | 384216 | 50.0 |
| Decahydro-1,1,4... | 15.414 | 8.4     | ug/l  | 64397    | 4                     | 12.018 | 384216 | 50.0 |
| 1,1'-Biphenyl, ... | 16.084 | 5.3     | ug/l  | 40697    | 4                     | 12.018 | 384216 | 50.0 |