

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
 Data File : VX034319.D  
 Acq On : 03 Mar 2023 13:50  
 Operator : JC/MD  
 Sample : 01758-01  
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FMC-0081

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\82X021723W.M  
 Title : SW846 8260

Signal : TIC: VX034319.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.385       | 694           | 705         | 713          | rBV2     | 143518         | 430360        | 1.30%           | 0.317%        |
| 2         | 5.483       | 713           | 721         | 726          | rBV      | 222521         | 630769        | 1.91%           | 0.464%        |
| 3         | 5.544       | 726           | 731         | 738          | rVB      | 172162         | 441894        | 1.34%           | 0.325%        |
| 4         | 5.806       | 761           | 774         | 788          | rBV      | 380104         | 1110361       | 3.37%           | 0.817%        |
| 5         | 5.952       | 788           | 798         | 816          | rVB2     | 161267         | 434157        | 1.32%           | 0.319%        |
| 6         | 6.598       | 890           | 904         | 920          | rBV      | 498155         | 1207898       | 3.66%           | 0.889%        |
| 7         | 6.757       | 921           | 930         | 944          | rVV      | 392558         | 935593        | 2.84%           | 0.688%        |
| 8         | 7.373       | 1019          | 1031        | 1042         | rBV      | 505290         | 1134350       | 3.44%           | 0.835%        |
| 9         | 8.647       | 1234          | 1240        | 1245         | rBV      | 815126         | 1252467       | 3.80%           | 0.922%        |
| 10        | 8.720       | 1245          | 1252        | 1265         | rVB      | 8790628        | 14052251      | 42.59%          | 10.339%       |
| 11        | 10.055      | 1466          | 1471        | 1478         | rVB      | 776208         | 1072313       | 3.25%           | 0.789%        |
| 12        | 10.360      | 1517          | 1521        | 1532         | rVB      | 446148         | 584465        | 1.77%           | 0.430%        |
| 13        | 11.085      | 1634          | 1640        | 1647         | rBV2     | 830032         | 1410712       | 4.28%           | 1.038%        |
| 14        | 11.189      | 1653          | 1657        | 1660         | rBV2     | 266042         | 349178        | 1.06%           | 0.257%        |
| 15        | 11.433      | 1692          | 1697        | 1700         | rVV      | 427136         | 712916        | 2.16%           | 0.525%        |
| 16        | 11.476      | 1700          | 1704        | 1709         | rVB      | 2170865        | 2482105       | 7.52%           | 1.826%        |
| 17        | 11.573      | 1716          | 1720        | 1723         | rBV      | 535295         | 641841        | 1.95%           | 0.472%        |
| 18        | 11.713      | 1740          | 1743        | 1746         | rBV2     | 715879         | 804525        | 2.44%           | 0.592%        |
| 19        | 11.835      | 1759          | 1763        | 1766         | rBV2     | 383170         | 626703        | 1.90%           | 0.461%        |
| 20        | 11.890      | 1766          | 1772        | 1776         | rVV5     | 553286         | 883016        | 2.68%           | 0.650%        |
| 21        | 11.945      | 1776          | 1781        | 1784         | rVV2     | 1285956        | 1846269       | 5.60%           | 1.358%        |
| 22        | 11.976      | 1784          | 1786        | 1790         | rVB2     | 403823         | 421983        | 1.28%           | 0.310%        |
| 23        | 12.024      | 1790          | 1794        | 1799         | rBV2     | 1020827        | 1993435       | 6.04%           | 1.467%        |
| 24        | 12.073      | 1799          | 1802        | 1804         | rBV2     | 540107         | 457036        | 1.39%           | 0.336%        |
| 25        | 12.104      | 1804          | 1807        | 1812         | rBV2     | 763973         | 839570        | 2.54%           | 0.618%        |
| 26        | 12.152      | 1812          | 1815        | 1816         | rBV3     | 331535         | 339125        | 1.03%           | 0.250%        |
| 27        | 12.171      | 1816          | 1818        | 1825         | rVB2     | 855818         | 1277199       | 3.87%           | 0.940%        |
| 28        | 12.262      | 1825          | 1833        | 1837         | rBV7     | 500818         | 1393805       | 4.22%           | 1.026%        |
| 29        | 12.311      | 1837          | 1841        | 1848         | rBV6     | 1477740        | 2883717       | 8.74%           | 2.122%        |
| 30        | 12.384      | 1848          | 1853        | 1854         | rBV2     | 552061         | 838703        | 2.54%           | 0.617%        |
| 31        | 12.427      | 1855          | 1860        | 1864         | rVB      | 6579045        | 8161991       | 24.74%          | 6.005%        |
| 32        | 12.469      | 1864          | 1867        | 1873         | rVB4     | 1503262        | 2624909       | 7.96%           | 1.931%        |
| 33        | 12.555      | 1873          | 1881        | 1883         | rBV4     | 1475053        | 2827184       | 8.57%           | 2.080%        |
| 34        | 12.634      | 1891          | 1894        | 1898         | rVB2     | 399846         | 571204        | 1.73%           | 0.420%        |
| 35        | 12.689      | 1898          | 1903        | 1906         | rBV5     | 771984         | 1192613       | 3.61%           | 0.877%        |
| 36        | 12.719      | 1906          | 1908        | 1911         | rVV3     | 539914         | 757002        | 2.29%           | 0.557%        |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FMC-0081

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\82X021723W.M  
 Title : SW846 8260

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 12.762 | 1911 | 1915 | 1921 | rVV3 | 1212330  | 2543076  | 7.71%   | 1.871%  |
| 38 | 12.817 | 1921 | 1924 | 1930 | rVB2 | 2656888  | 3774405  | 11.44%  | 2.777%  |
| 39 | 12.890 | 1930 | 1936 | 1943 | rBV3 | 2792038  | 5041845  | 15.28%  | 3.710%  |
| 40 | 12.994 | 1943 | 1953 | 1958 | rVV  | 11006768 | 16256409 | 49.27%  | 11.961% |
| 41 | 13.042 | 1958 | 1961 | 1965 | rVV2 | 994629   | 1087678  | 3.30%   | 0.800%  |
| 42 | 13.183 | 1975 | 1984 | 1987 | rBV4 | 711633   | 1554992  | 4.71%   | 1.144%  |
| 43 | 13.262 | 1993 | 1997 | 2000 | rBV2 | 2018571  | 2731594  | 8.28%   | 2.010%  |
| 44 | 13.292 | 2000 | 2002 | 2008 | rVB3 | 1747511  | 2386548  | 7.23%   | 1.756%  |
| 45 | 13.347 | 2008 | 2011 | 2015 | rVB2 | 516731   | 619711   | 1.88%   | 0.456%  |
| 46 | 13.414 | 2015 | 2022 | 2025 | rBV5 | 1188311  | 2150456  | 6.52%   | 1.582%  |
| 47 | 13.506 | 2033 | 2037 | 2041 | rVB5 | 465618   | 712686   | 2.16%   | 0.524%  |
| 48 | 13.591 | 2047 | 2051 | 2055 | rBV4 | 432142   | 602561   | 1.83%   | 0.443%  |
| 49 | 13.676 | 2061 | 2065 | 2072 | rBV6 | 307321   | 698242   | 2.12%   | 0.514%  |
| 50 | 13.804 | 2083 | 2086 | 2090 | rVB2 | 302790   | 363846   | 1.10%   | 0.268%  |
| 51 | 13.920 | 2103 | 2105 | 2114 | rVB5 | 282857   | 445551   | 1.35%   | 0.328%  |
| 52 | 14.445 | 2185 | 2191 | 2196 | rBV  | 23641364 | 32993197 | 100.00% | 24.275% |
| 53 | 14.981 | 2273 | 2279 | 2286 | rBV  | 705610   | 859738   | 2.61%   | 0.633%  |
| 54 | 15.091 | 2292 | 2297 | 2305 | rVB  | 296267   | 391077   | 1.19%   | 0.288%  |
| 55 | 15.188 | 2308 | 2313 | 2320 | rBV  | 510033   | 717364   | 2.17%   | 0.528%  |
| 56 | 16.127 | 2460 | 2467 | 2477 | rVB3 | 141733   | 359787   | 1.09%   | 0.265%  |

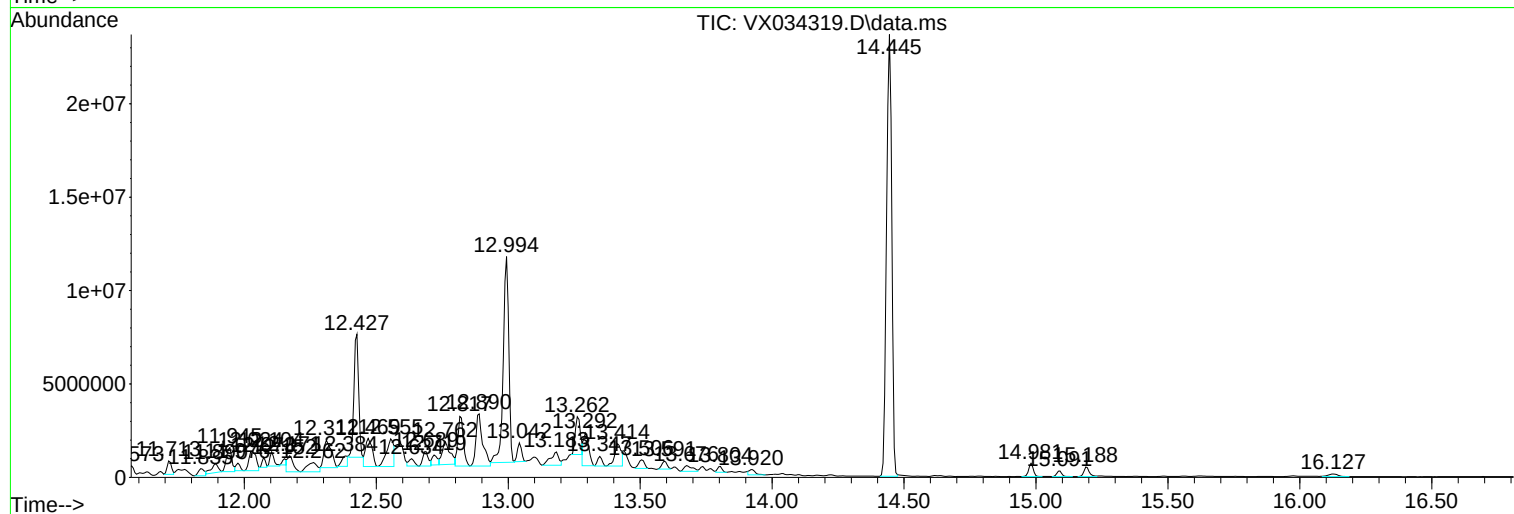
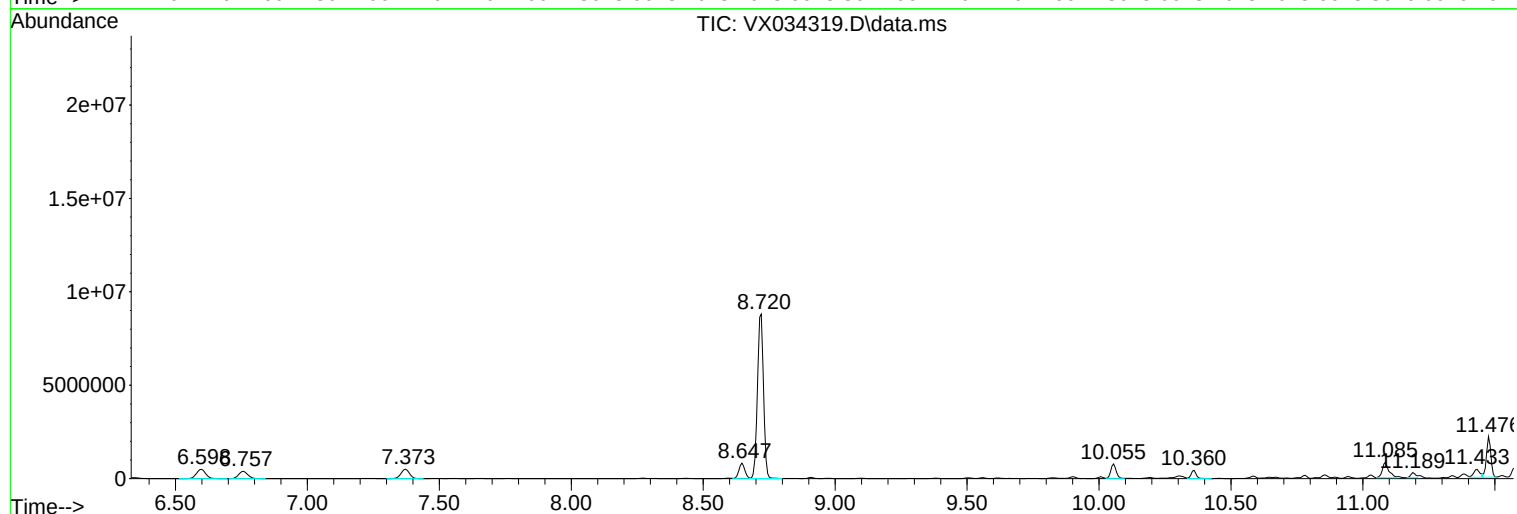
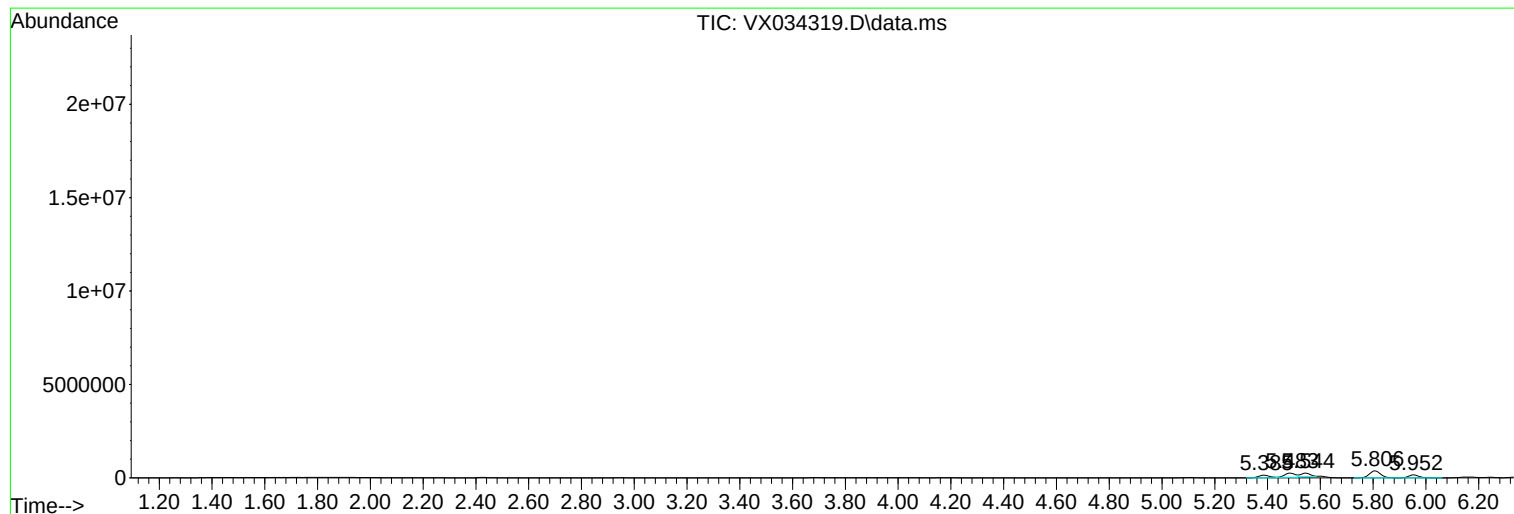
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

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



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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

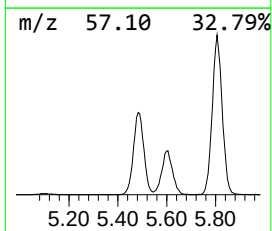
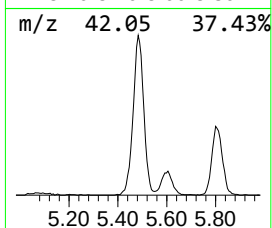
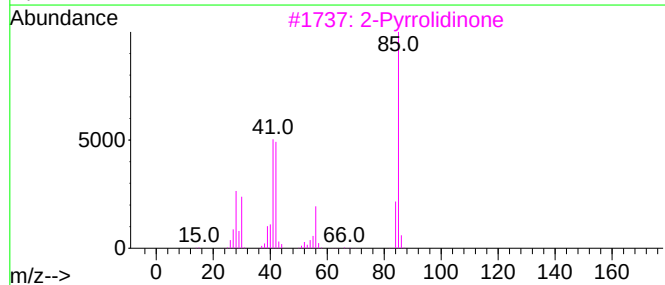
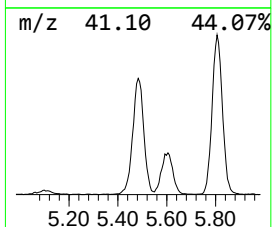
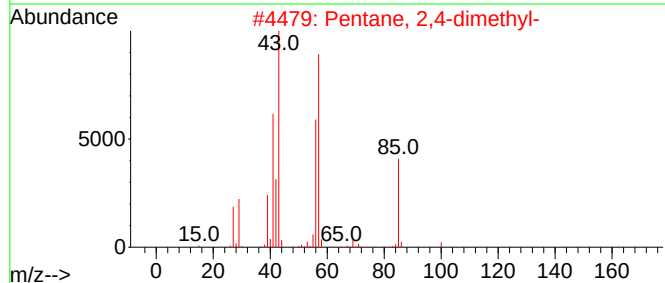
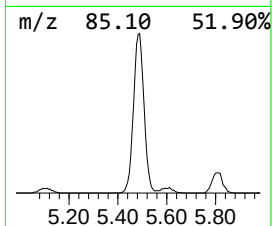
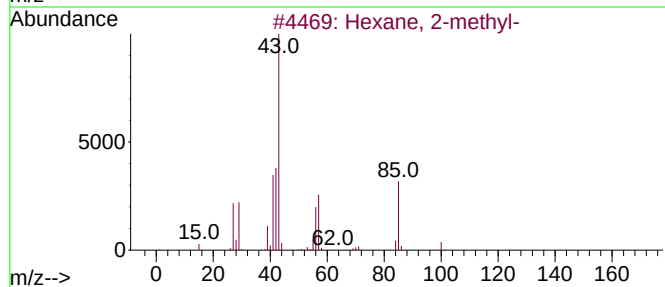
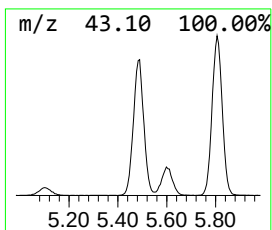
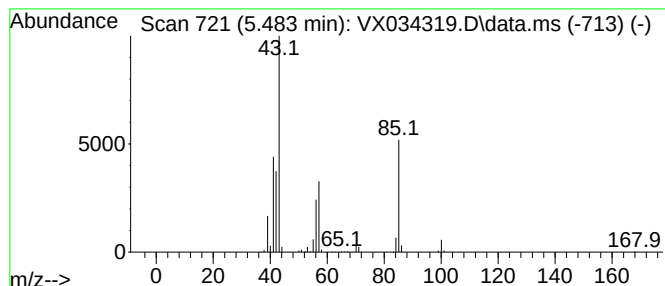
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Hexane, 2-methyl- Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 5.483 | 71.37 ug/l | 630769 | Pentafluorobenzene | 5.544 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 2-methyl-          | 100 | C7H16   | 000591-76-4 | 90   |
| 2    |    |   | Pentane, 2,4-dimethyl-     | 100 | C7H16   | 000108-08-7 | 52   |
| 3    |    |   | 2-Pyrrolidinone            | 85  | C4H7NO  | 000616-45-5 | 45   |
| 4    |    |   | Hexane, 2,3,3-trimethyl-   | 128 | C9H20   | 016747-28-7 | 40   |
| 5    |    |   | 2H-Pyran-2-ol, tetrahydro- | 102 | C5H10O2 | 000694-54-2 | 40   |



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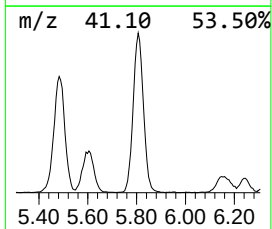
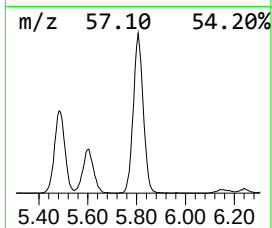
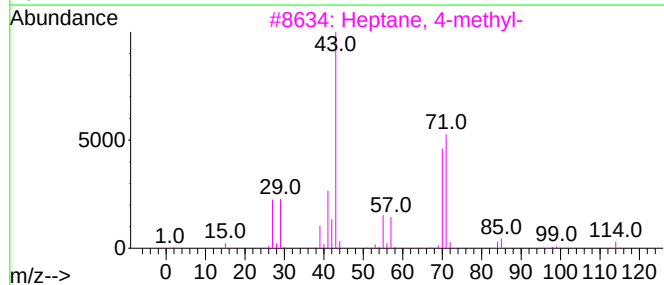
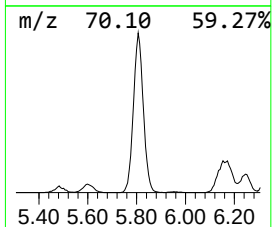
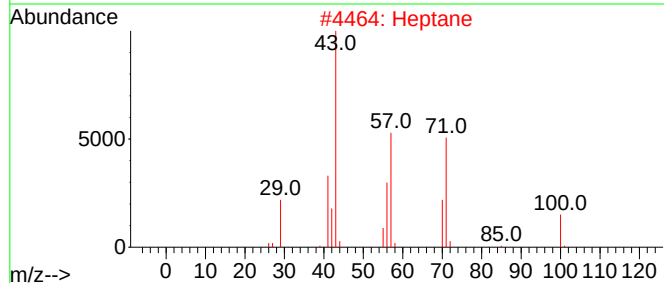
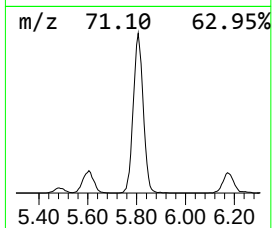
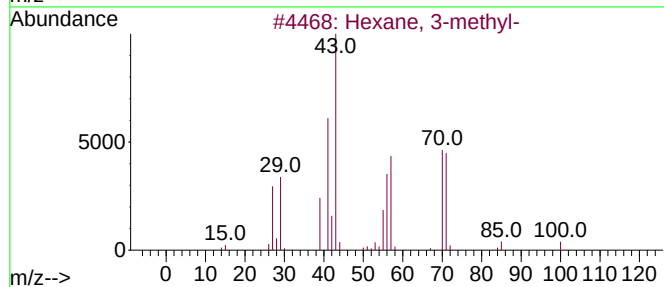
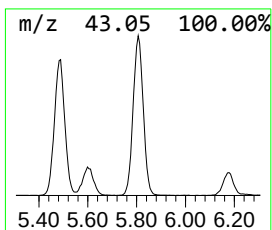
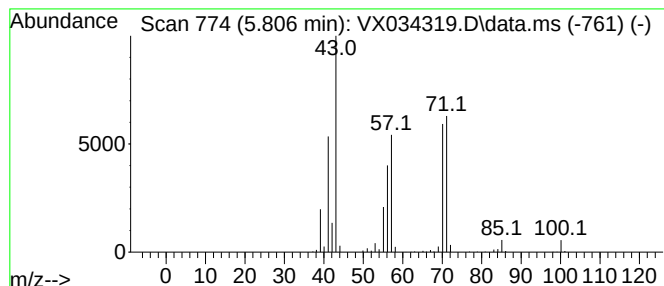
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Hexane, 3-methyl- Concentration Rank 5

| R.T.  | EstConc     | Area    | Relative to ISTD   | R.T.  |
|-------|-------------|---------|--------------------|-------|
| 5.806 | 125.64 ug/l | 1110360 | Pentafluorobenzene | 5.544 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 3-methyl-         | 100 | C7H16   | 000589-34-4 | 91   |
| 2    |    |   | Heptane                   | 100 | C7H16   | 000142-82-5 | 80   |
| 3    |    |   | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 59   |
| 4    |    |   | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 53   |
| 5    |    |   | Decane, 3,3,4-trimethyl-  | 184 | C13H28  | 049622-18-6 | 53   |



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Instrument :  
MSVOA\_X  
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FMC-0081

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

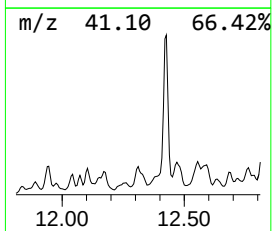
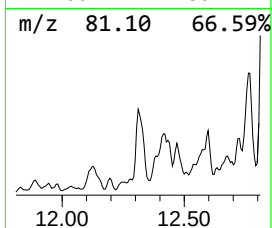
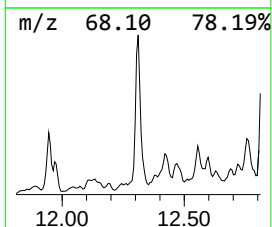
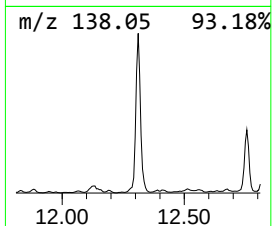
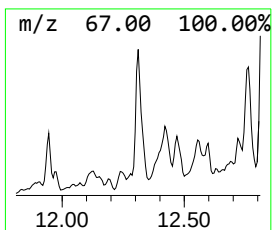
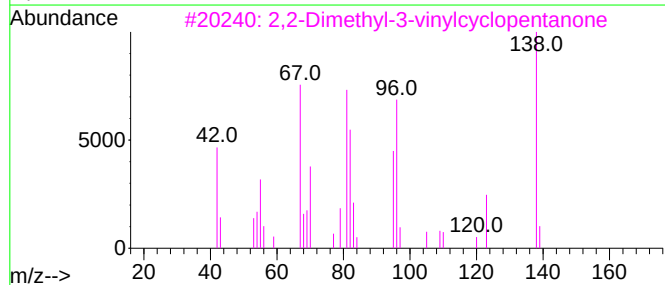
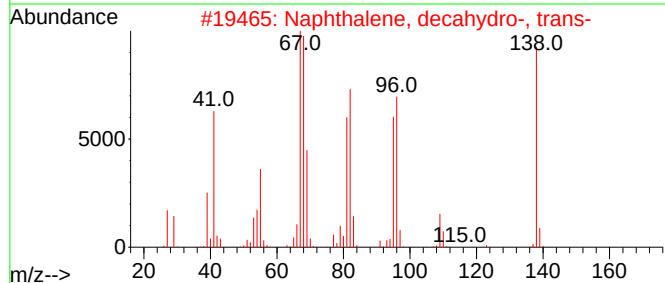
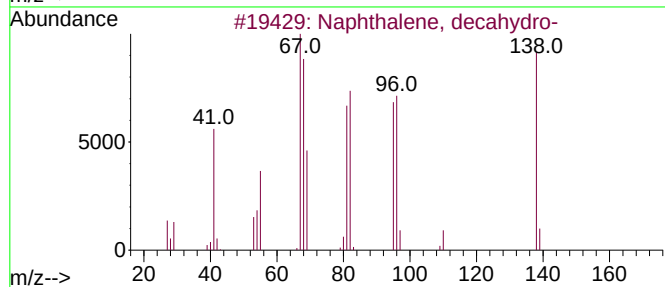
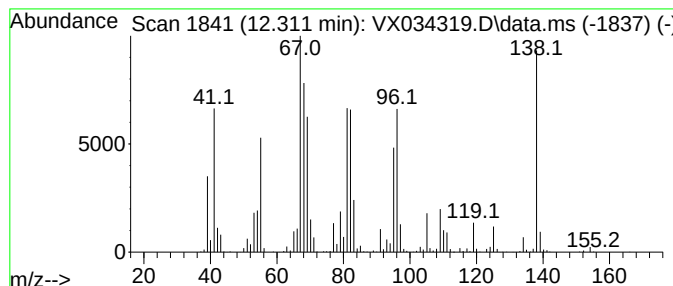
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Naphthalene, decahydro- Concentration Rank 7

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.311 | 72.33 ug/l | 2883720 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, decahydro-             | 138 | C10H18  | 000091-17-8  | 96   |
| 2    |    |   | Naphthalene, decahydro-, trans-     | 138 | C10H18  | 000493-02-7  | 96   |
| 3    |    |   | 2,2-Dimethyl-3-vinylcyclopentanone  | 138 | C9H14O  | 1000427-24-5 | 86   |
| 4    |    |   | Naphthalene, decahydro-, cis-       | 138 | C10H18  | 000493-01-6  | 81   |
| 5    |    |   | Bicyclo[2.2.1]heptane, 2-methyl-... | 110 | C8H14   | 000872-78-6  | 78   |



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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

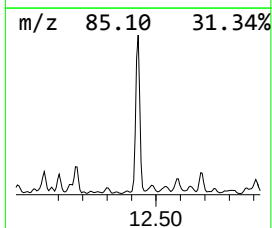
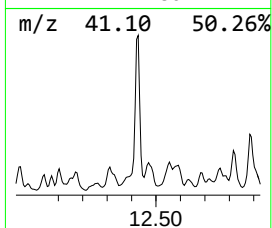
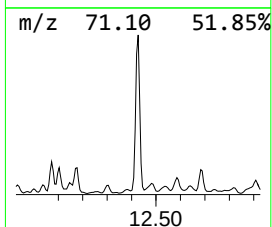
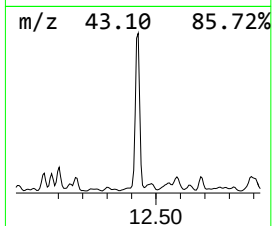
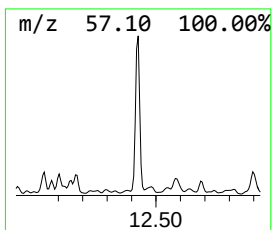
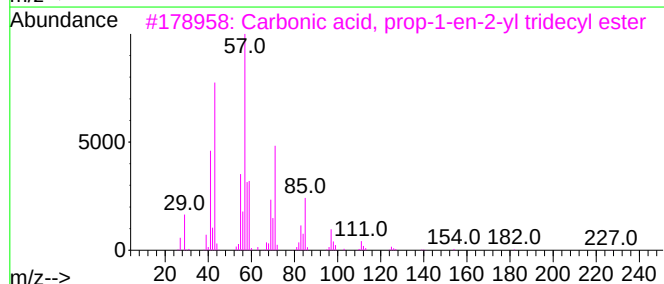
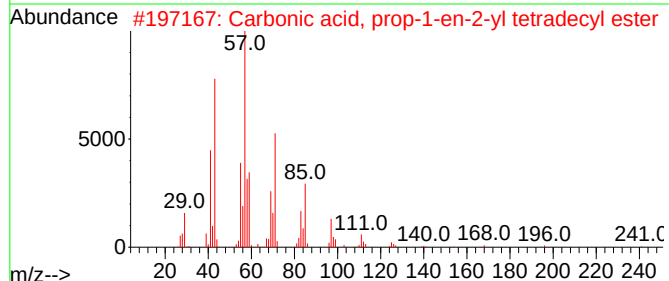
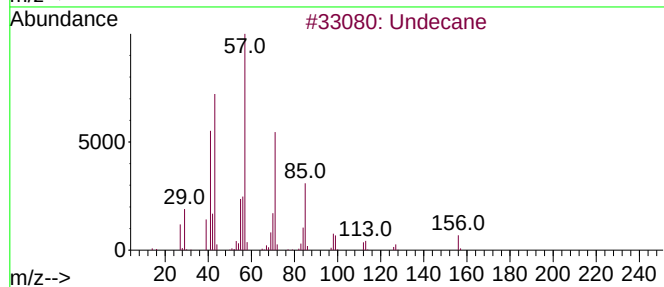
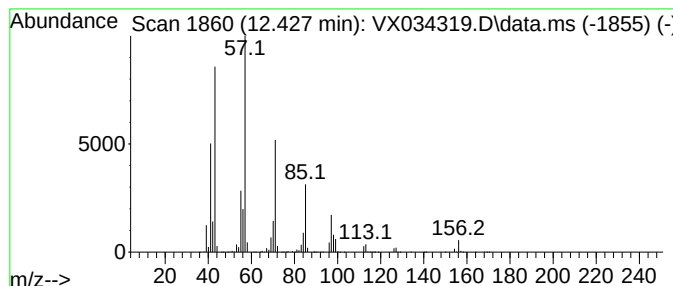
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Undecane Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.427 | 204.72 ug/l | 8161990 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | Undecane                            |   |              | 156 | C11H24   | 001120-21-4  | 96   |
| 2    | Carbonic acid, prop-1-en-2-yl te... |   |              | 298 | C18H34O3 | 1000382-90-9 | 86   |
| 3    | Carbonic acid, prop-1-en-2-yl tr... |   |              | 284 | C17H32O3 | 1000382-90-8 | 80   |
| 4    | Tridecane                           |   |              | 184 | C13H28   | 000629-50-5  | 80   |
| 5    | Tetradecane                         |   |              | 198 | C14H30   | 000629-59-4  | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
Data File : VX034319.D  
Acq On : 03 Mar 2023 13:50  
Operator : JC/MD  
Sample : 01758-01  
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

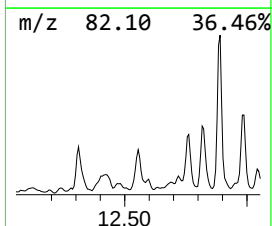
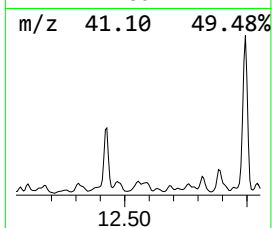
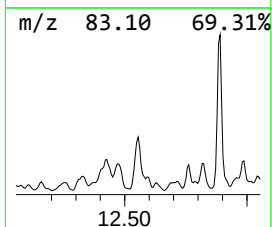
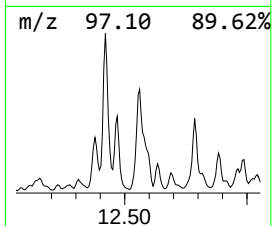
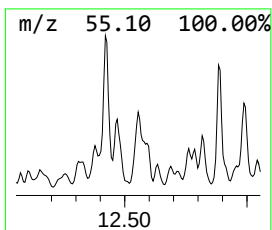
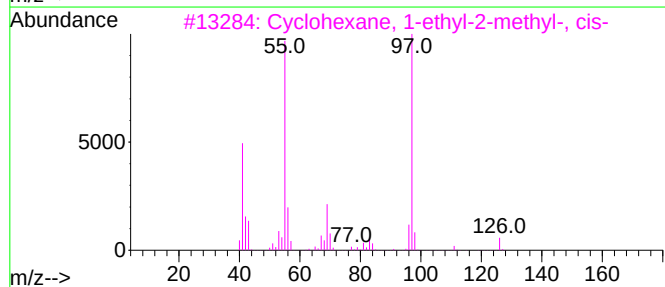
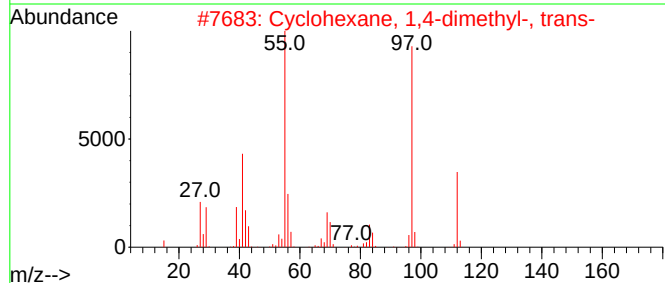
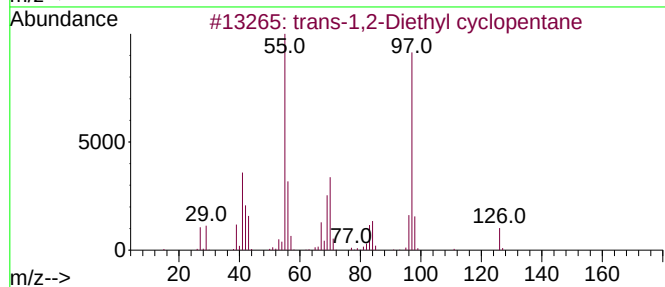
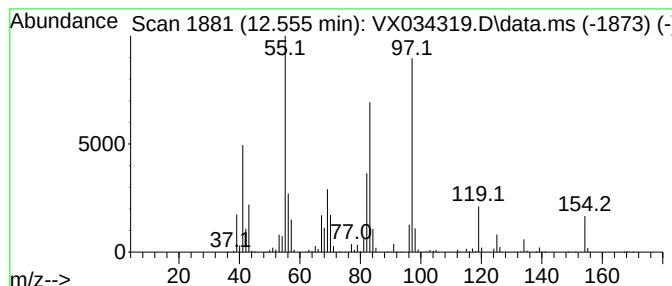
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 trans-1,2-Diethyl cyclopentane Concentration Rank 9

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.555 | 70.91 ug/l | 2827180 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | trans-1,2-Diethyl cyclopentane      | 126 | C9H18   | 000932-40-1 | 52   |
| 2    |    |   | Cyclohexane, 1,4-dimethyl-, trans-  | 112 | C8H16   | 002207-04-7 | 50   |
| 3    |    |   | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18   | 004923-77-7 | 49   |
| 4    |    |   | Cyclohexane, 1,3-dimethyl-, cis-    | 112 | C8H16   | 000638-04-0 | 47   |
| 5    |    |   | 1-Ethyl-4-methylcyclohexane         | 126 | C9H18   | 003728-56-1 | 43   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
Data File : VX034319.D  
Acq On : 03 Mar 2023 13:50  
Operator : JC/MD  
Sample : 01758-01  
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

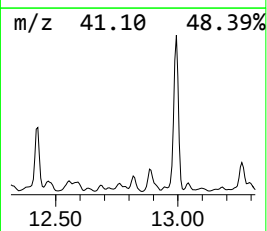
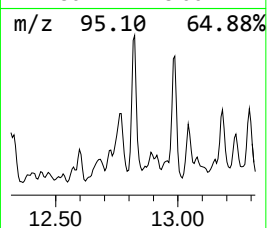
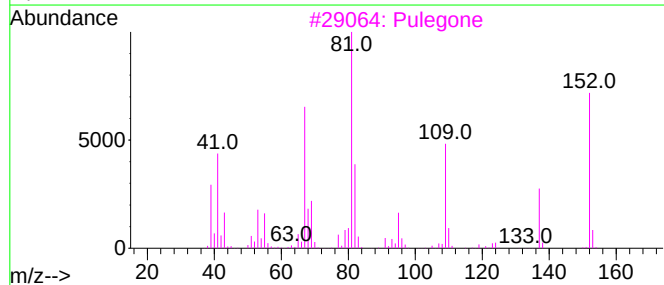
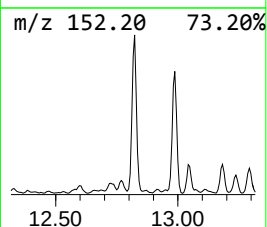
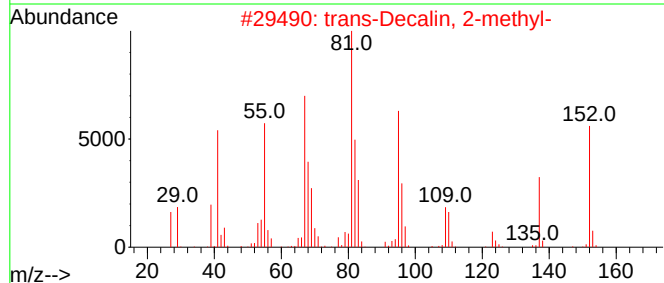
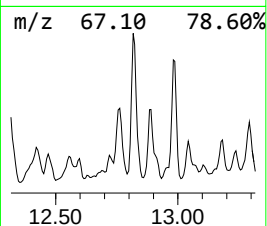
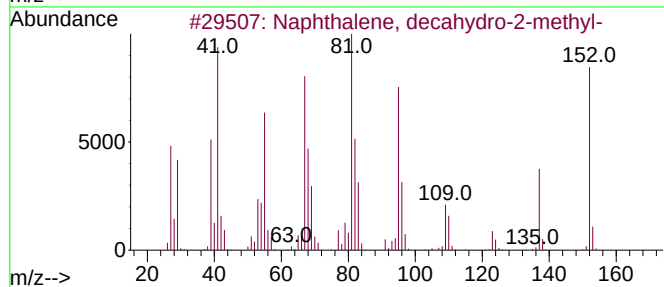
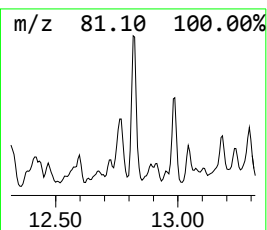
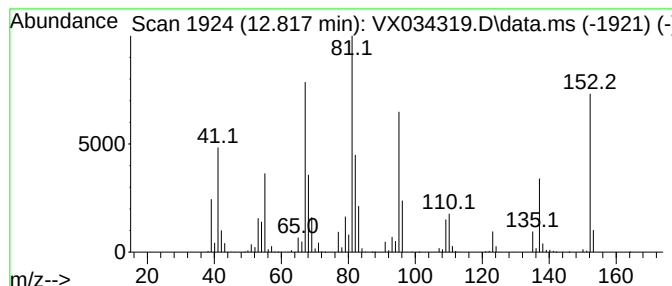
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.817 | 94.67 ug/l | 3774410 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 96   |
| 2    |    |   | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 94   |
| 3    |    |   | Pulegone                            | 152 | C10H16O | 000089-82-7  | 81   |
| 4    |    |   | Decalin, anti-1-methyl-, cis-       | 152 | C11H20  | 1000158-89-0 | 72   |
| 5    |    |   | trans-4a-Methyl-decahydronaphtha... | 152 | C11H20  | 002547-27-5  | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
Data File : VX034319.D  
Acq On : 03 Mar 2023 13:50  
Operator : JC/MD  
Sample : 01758-01  
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

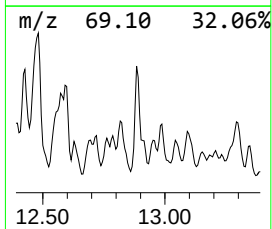
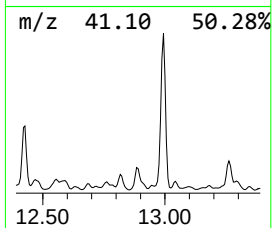
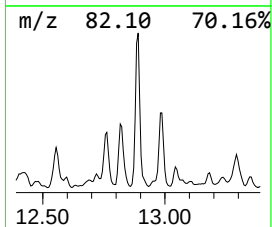
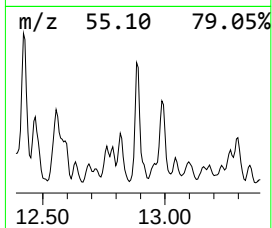
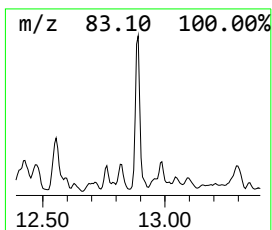
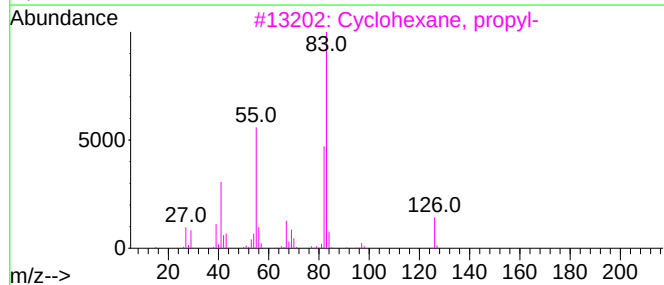
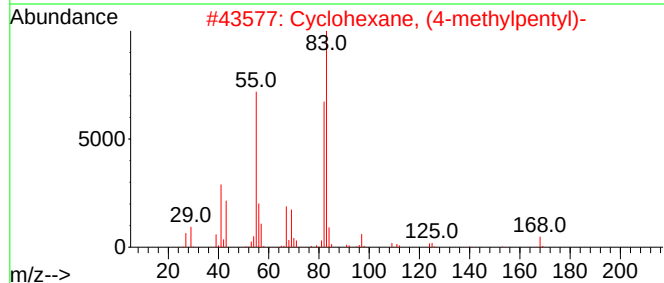
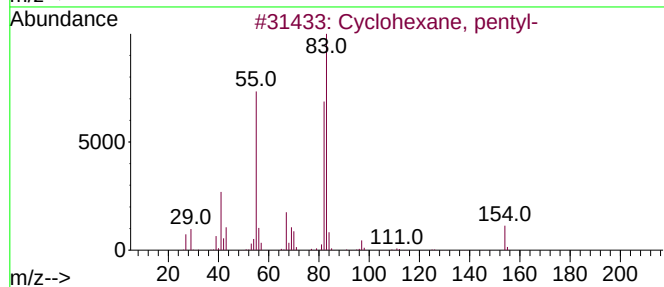
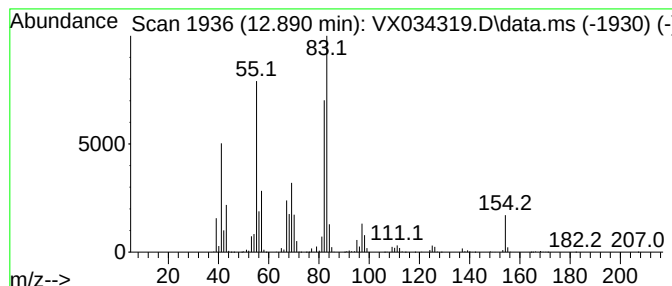
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Quant Title : SW846 8260

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

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Peak Number 7 Cyclohexane, pentyl- Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.890 | 126.46 ug/l | 5041850 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, pentyl-           | 154 | C11H22  | 004292-92-6 | 90   |
| 2    |    |   | Cyclohexane, (4-methylpentyl)- | 168 | C12H24  | 061142-20-9 | 64   |
| 3    |    |   | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 64   |
| 4    |    |   | Cyclohexane, (1-methylethyl)-  | 126 | C9H18   | 000696-29-7 | 64   |
| 5    |    |   | Cyclohexane, hexyl-            | 168 | C12H24  | 004292-75-5 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
Data File : VX034319.D  
Acq On : 03 Mar 2023 13:50  
Operator : JC/MD  
Sample : 01758-01  
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

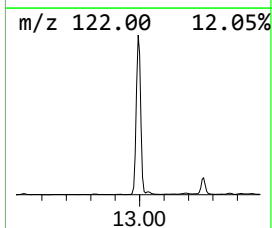
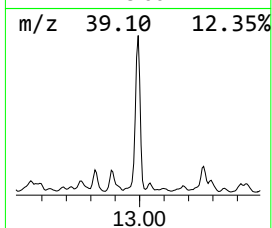
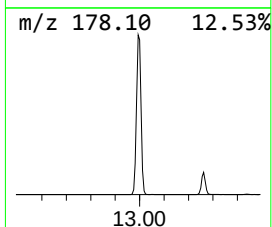
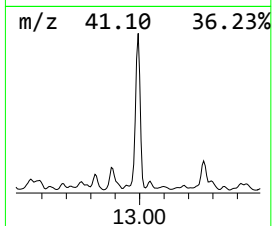
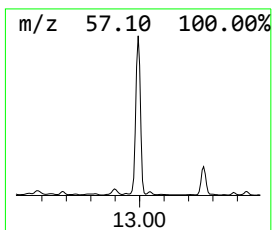
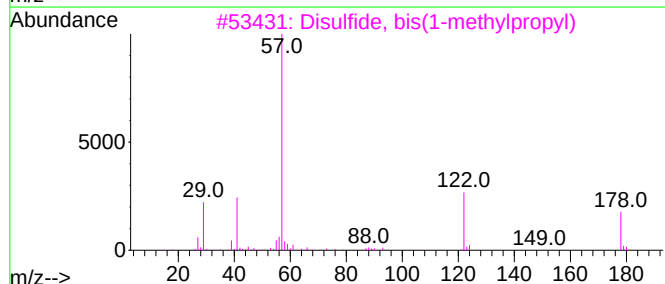
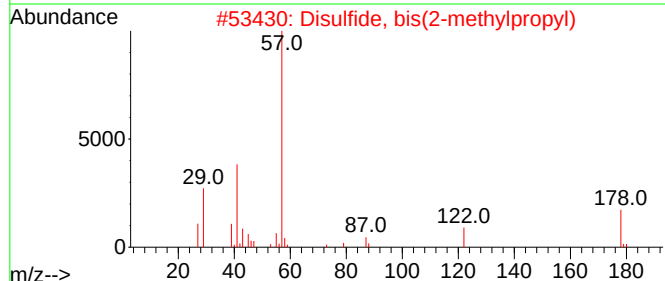
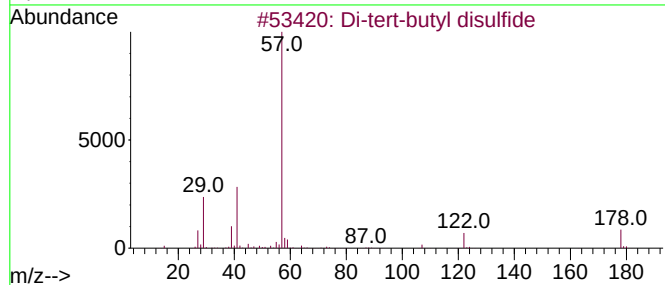
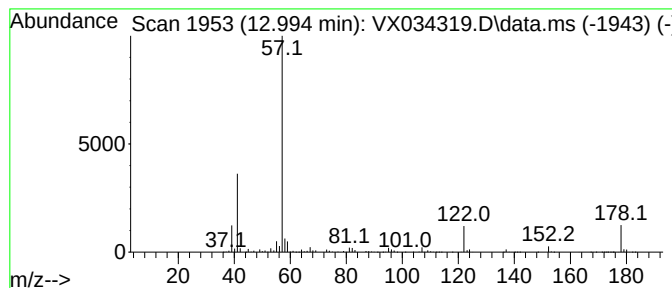
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Quant Title : SW846 8260

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

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Peak Number 8 Di-tert-butyl disulfide Concentration Rank 2

| R.T.      | EstConc                             | Area     | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|----------|------------------------|-------------|------|
| 12.994    | 407.75 ug/l                         | 16256400 | 1,4-Dichlorobenzene-d4 | 12.024      |      |
| Hit# of 5 | Tentative ID                        | MW       | MolForm                | CAS#        | Qual |
| 1         | Di-tert-butyl disulfide             | 178      | C8H18S2                | 000110-06-5 | 81   |
| 2         | Disulfide, bis(2-methylpropyl)      | 178      | C8H18S2                | 001518-72-5 | 64   |
| 3         | Disulfide, bis(1-methylpropyl)      | 178      | C8H18S2                | 005943-30-6 | 50   |
| 4         | Disulfide, dibutyl                  | 178      | C8H18S2                | 000629-45-8 | 47   |
| 5         | Disulfide, (1,1-dimethylethyl)(1... | 178      | C8H18S2                | 072437-46-8 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
Data File : VX034319.D  
Acq On : 03 Mar 2023 13:50  
Operator : JC/MD  
Sample : 01758-01  
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

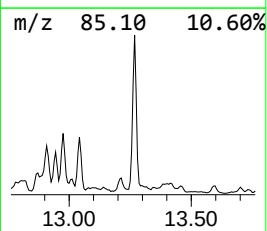
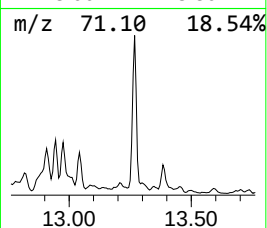
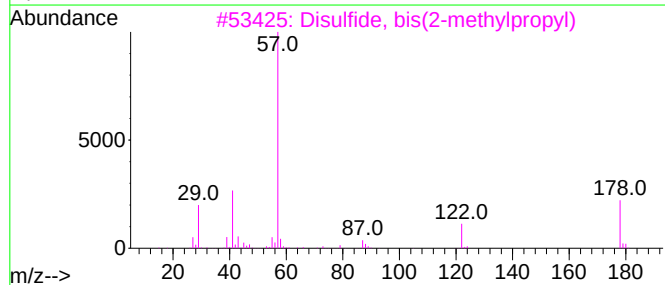
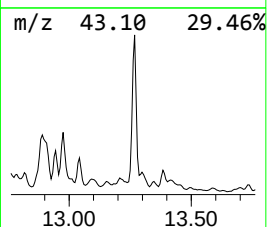
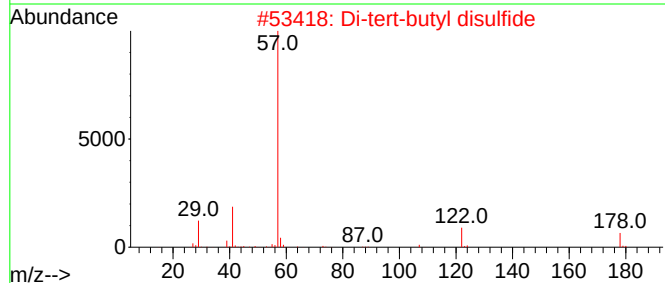
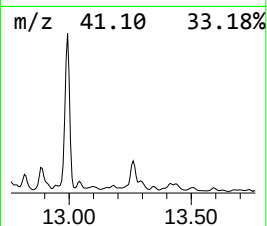
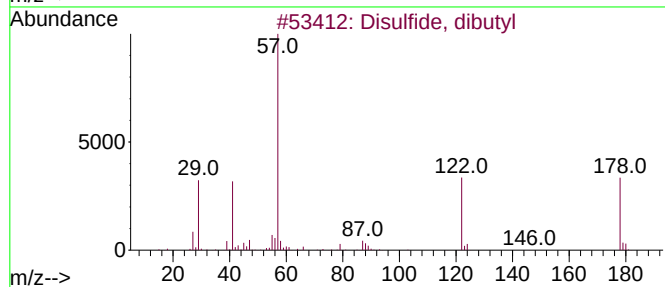
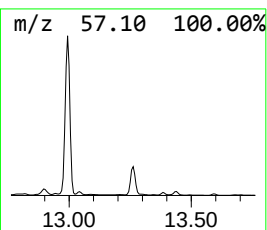
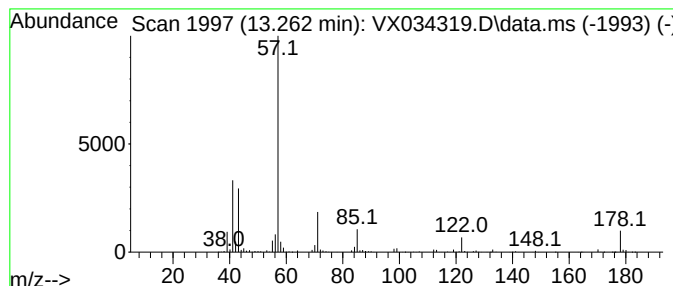
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown13.262 Concentration Rank 10

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 13.262 | 68.51 ug/l | 2731590 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Disulfide, dibutyl                  | 178 | C8H18S2 | 000629-45-8 | 46   |
| 2    |    |   | Di-tert-butyl disulfide             | 178 | C8H18S2 | 000110-06-5 | 43   |
| 3    |    |   | Disulfide, bis(2-methylpropyl)      | 178 | C8H18S2 | 001518-72-5 | 43   |
| 4    |    |   | Disulfide, (1,1-dimethylethyl)(1... | 178 | C8H18S2 | 072437-46-8 | 43   |
| 5    |    |   | Dodecane                            | 170 | C12H26  | 000112-40-3 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
Data File : VX034319.D  
Acq On : 03 Mar 2023 13:50  
Operator : JC/MD  
Sample : 01758-01  
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

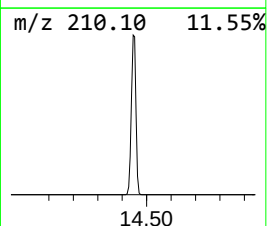
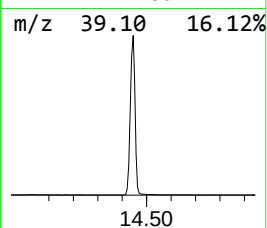
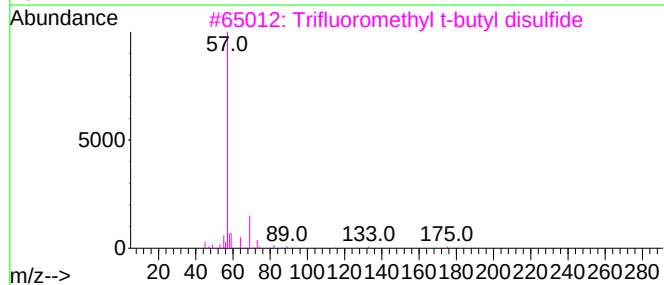
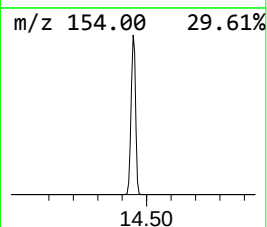
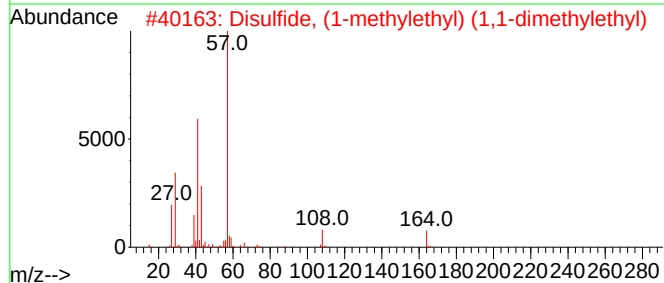
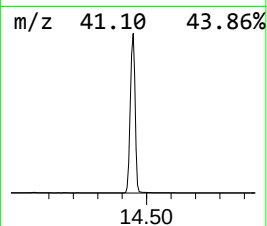
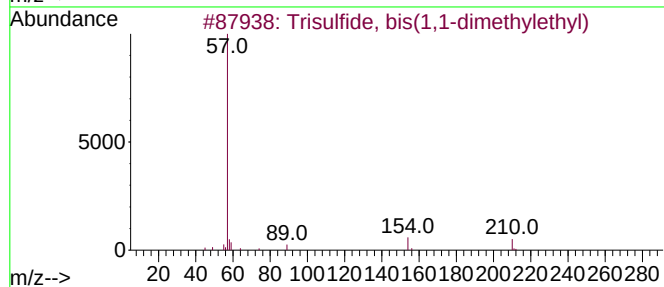
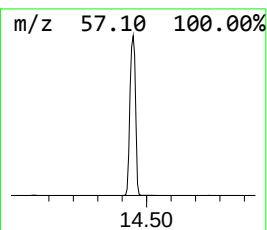
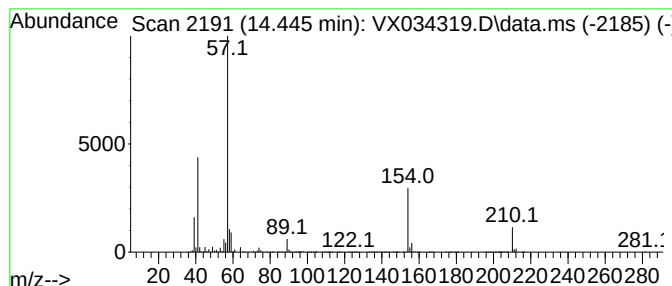
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

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

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Peak Number 10 unknown14.445 Concentration Rank 1

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.445 | 827.55 ug/l | 32993200 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Trisulfide, bis(1,1-dimethylethyl)  | 210 | C8H18S3  | 004253-90-1  | 49   |
| 2    |    |   | Disulfide, (1-methylethyl) (1,1-... | 164 | C7H16S2  | 043022-60-2  | 38   |
| 3    |    |   | Trifluoromethyl t-butyl disulfide   | 190 | C5H9F3S2 | 145372-23-2  | 32   |
| 4    |    |   | Di-tert-butyl disulfide             | 178 | C8H18S2  | 000110-06-5  | 10   |
| 5    |    |   | o-tert-Butylhydroxylamine           | 89  | C4H11NO  | 1000322-43-1 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
Data File : VX034319.D  
Acq On : 03 Mar 2023 13:50  
Operator : JC/MD  
Sample : 01758-01  
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0081

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.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 |
| Hexane, 2-methyl-  | 5.483  | 71.4    | ug/l  | 630769   | 1                     | 5.544  | 441894  | 50.0 |
| Hexane, 3-methyl-  | 5.806  | 125.6   | ug/l  | 1110360  | 1                     | 5.544  | 441894  | 50.0 |
| Naphthalene, de... | 12.311 | 72.3    | ug/l  | 2883720  | 4                     | 12.024 | 1993440 | 50.0 |
| Undecane           | 12.427 | 204.7   | ug/l  | 8161990  | 4                     | 12.024 | 1993440 | 50.0 |
| trans-1,2-Dieth... | 12.555 | 70.9    | ug/l  | 2827180  | 4                     | 12.024 | 1993440 | 50.0 |
| Naphthalene, de... | 12.817 | 94.7    | ug/l  | 3774410  | 4                     | 12.024 | 1993440 | 50.0 |
| Cyclohexane, pe... | 12.890 | 126.5   | ug/l  | 5041850  | 4                     | 12.024 | 1993440 | 50.0 |
| Di-tert-butyl d... | 12.994 | 407.8   | ug/l  | 16256400 | 4                     | 12.024 | 1993440 | 50.0 |
| unknown13.262      | 13.262 | 68.5    | ug/l  | 2731590  | 4                     | 12.024 | 1993440 | 50.0 |
| unknown14.445      | 14.445 | 827.5   | ug/l  | 32993200 | 4                     | 12.024 | 1993440 | 50.0 |