LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

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\82X091922W.M
Title : SW846 8260

Signal : TIC: VX031582.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.367 | 41 | 46 | 52 | rBV | 1152922 | 1164818 | 2.91% | 0.489% |
| 2 | 1.745 | 103 | 108 | 123 | rVB | 4251096 | 5398767 | 13.51% | 2.267% |
| 3 | 1.953 | 138 | 142 | 155 | rVB | 956742 | 1258648 | 3.15% | 0.529% |
| 4 | 2.069 | 155 | 161 | 167 | rBV | 450543 | 607388 | 1.52% | 0.255% |
| 5 | 2.776 | 257 | 277 | 281 | rBV3 | 168500 | 642943 | 1.61% | 0.270% |
| 6 | 2.824 | 281 | 285 | 289 | rVV | 283147 | 545978 | 1.37% | 0.229% |
| 7 | 3.105 | 322 | 331 | 351 | rVB2 | 323001 | 775895 | 1.94% | 0.326% |
| 8 | 4.306 | 517 | 528 | 541 | rVB | 644155 | 1804602 | 4.52% | 0.758% |
| 9 | 5.476 | 711 | 720 | 728 | rBV3 | 188476 | 574744 | 1.44% | 0.241% |
| 10 | 6.043 | 804 | 813 | 823 | rVB | 784903 | 2005638 | 5.02% | 0.842% |
| 11 | 6.257 | 841 | 848 | 858 | rVB3 | 207650 | 620764 | 1.55% | 0.261% |
| 12 | 7.379 | 1019 | 1032 | 1044 | rBV5 | 319028 | 847908 | 2.12% | 0.356% |
| 13 | 8.506 | 1211 | 1217 | 1227 | rVB | 253418 | 429832 | 1.08% | 0.181% |
| 14 | 8.647 | 1235 | 1240 | 1246 | rVB | 470375 | 739415 | 1.85% | 0.311% |
| 15 | 8.720 | 1246 | 1252 | 1258 | rBV | 1977598 | 2760959 | 6.91% | 1.160% |
| 16 | 8.842 | 1265 | 1272 | 1280 | rBV | 276704 | 455292 | 1.14% | 0.191% |
| 17 | 10.055 | 1461 | 1471 | 1476 | rBV2 | 296581 | 554085 | 1.39% | 0.233% |
| 18 | 10.201 | 1489 | 1495 | 1500 | rVB | 11295314 | 14405550 | 36.04% | 6.050% |
| 19 | 10.311 | 1506 | 1513 | 1518 | rBV | 28438440 | 39966978 | 100.00% | 16.786% |
| 20 | 10.646 | 1562 | 1568 | 1574 | rVB | 14234884 | 18215758 | 45.58% | 7.651% |
| 21 | 10.963 | 1614 | 1620 | 1631 | rVB | 992025 | 1240825 | 3.10% | 0.521% |
| 22 | 11.085 | 1635 | 1640 | 1644 | rVB | 667651 | 836682 | 2.09% | 0.351% |
| 23 | 11.305 | 1667 | 1676 | 1683 | rVB | 3018697 | 3729031 | 9.33% | 1.566% |
| 24 | 11.384 | 1683 | 1689 | 1696 | rBV | 12840618 | 23945438 | 59.91% | 10.057% |
| 25 | 11.457 | 1696 | 1701 | 1706 | rVB | 7678269 | 9360447 | 23.42% | 3.931% |
| 26 | 11.616 | 1721 | 1727 | 1736 | rBV | 7010154 | 8454365 | 21.15% | 3.551% |
| 27 | 11.762 | 1744 | 1751 | 1756 | rBV | 26945034 | 32620370 | 81.62% | 13.700% |
| 28 | 11.975 | 1779 | 1786 | 1789 | rBV | 404805 | 532460 | 1.33% | 0.224% |
| 29 | 12.024 | 1789 | 1794 | 1799 | rVB2 | 644500 | 904065 | 2.26% | 0.380% |
| 30 | 12.091 | 1799 | 1805 | 1810 | rBV | 7722308 | 9000272 | 22.52% | 3.780% |
| 31 | 12.244 | 1825 | 1830 | 1833 | rBV | 5589988 | 7360151 | 18.42% | 3.091% |
| 32 | 12.317 | 1838 | 1842 | 1849 | rVV2 | 2725584 | 3907612 | 9.78% | 1.641% |
| 33 | 12.408 | 1852 | 1857 | 1862 | rBV2 | 394749 | 536259 | 1.34% | 0.225% |
| 34 | 12.463 | 1862 | 1866 | 1872 | rVB | 695795 | 815363 | 2.04% | 0.342% |
| 35 | 12.530 | 1872 | 1877 | 1879 | rBV | 1676837 | 2076189 | 5.19% | 0.872% |
| 36 | 12.554 | 1879 | 1881 | 1886 | rVB | 1503944 | 1732722 | 4.34% | 0.728% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

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\82X091922W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.615 | 1886 | 1891 | 1894 | rBV | 2790167 | 3231179 | 8.08% | 1.357% |
| 38 | 12.646 | 1894 | 1896 | 1900 | rVB | 607721 | 632864 | 1.58% | 0.266% |
| 39 | 12.701 | 1900 | 1905 | 1913 | rBV2 | 1800325 | 2462680 | 6.16% | 1.034% |
| 40 | 12.847 | 1924 | 1929 | 1934 | rBV | 766575 | 930070 | 2.33% | 0.391% |
| 41 | 12.920 | 1934 | 1941 | 1945 | rVV | 1548661 | 2000736 | 5.01% | 0.840% |
| 42 | 12.963 | 1945 | 1948 | 1954 | rVB | 2377004 | 2675671 | 6.69% | 1.124% |
| 43 | 13.170 | 1978 | 1982 | 1986 | rVB | 1857893 | 2076568 | 5.20% | 0.872% |
| 44 | 13.292 | 1998 | 2002 | 2007 | rVB2 | 3429908 | 4450597 | 11.14% | 1.869% |
| 45 | 13.426 | 2019 | 2024 | 2029 | rVB | 532422 | 688918 | 1.72% | 0.289% |
| 46 | 13.585 | 2047 | 2050 | 2056 | rVB3 | 300413 | 459581 | 1.15% | 0.193% |
| 47 | 13.664 | 2061 | 2063 | 2069 | rVB2 | 326016 | 441704 | 1.11% | 0.186% |
| 48 | 13.780 | 2076 | 2082 | 2088 | rBV | 7830240 | 10021422 | 25.07% | 4.209% |
| 49 | 13.871 | 2091 | 2097 | 2101 | rVB | 311251 | 453896 | 1.14% | 0.191% |
| 50 | 14.219 | 2149 | 2154 | 2160 | rBV2 | 228023 | 419585 | 1.05% | 0.176% |
| 51 | 14.639 | 2218 | 2223 | 2234 | rVB | 3407221 | 4112574 | 10.29% | 1.727% |
| 52 | 14.780 | 2241 | 2246 | 2255 | rBV | 1779336 | 2211681 | 5.53% | 0.929% |

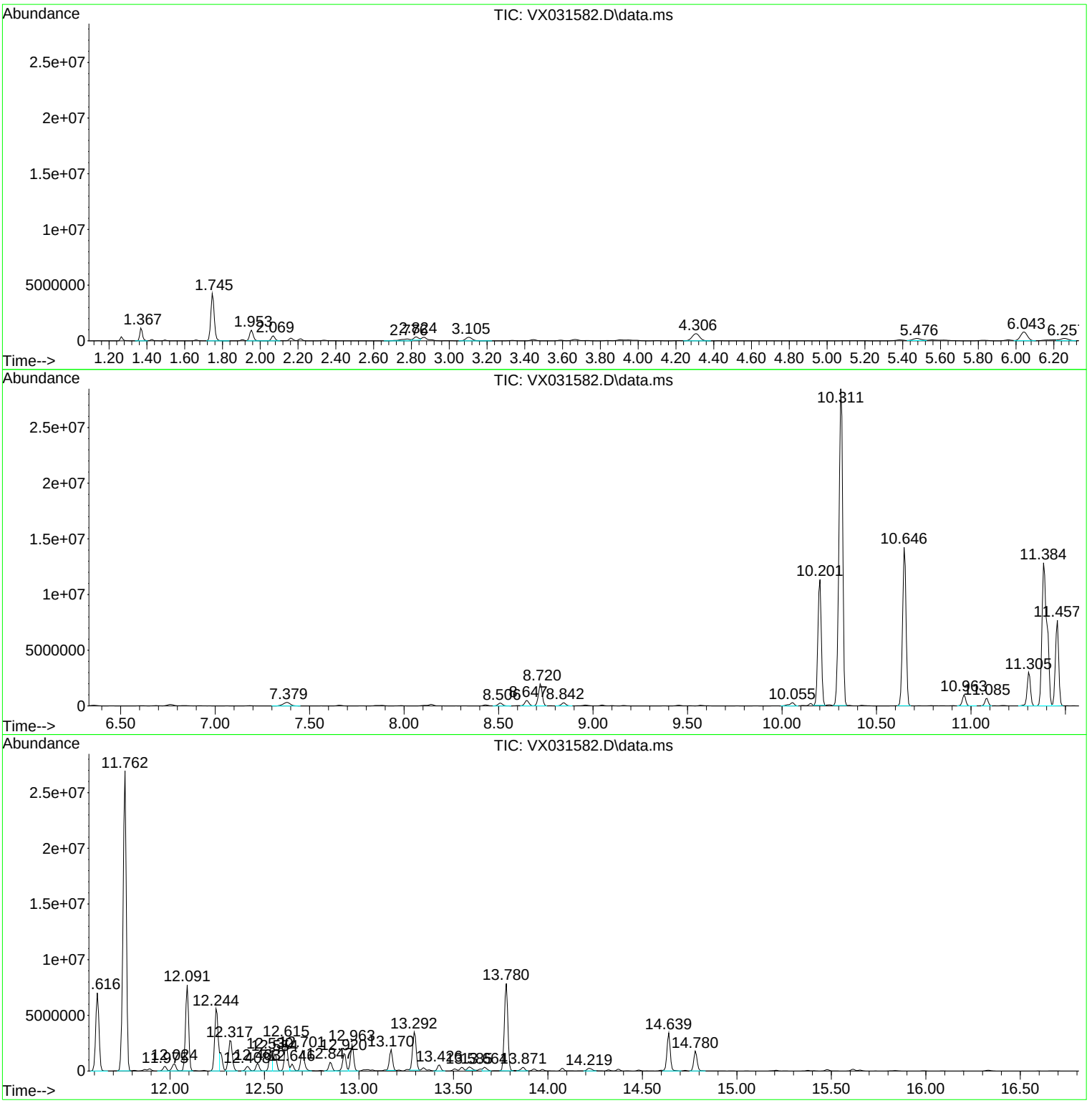
Sum of corrected areas: 238097939

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

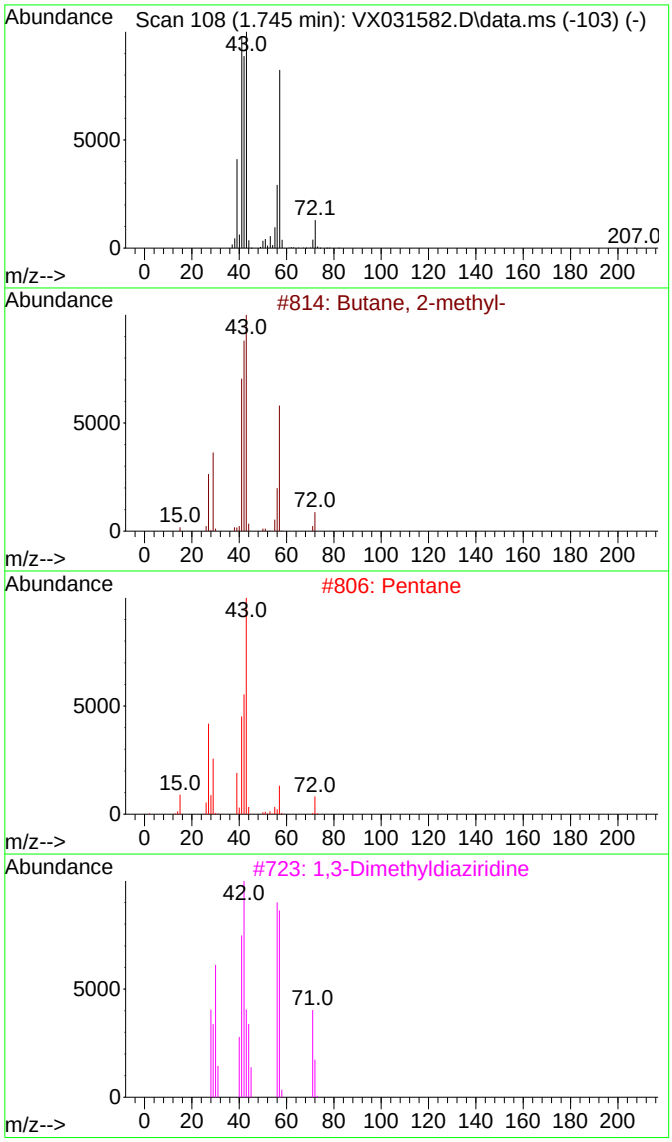
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

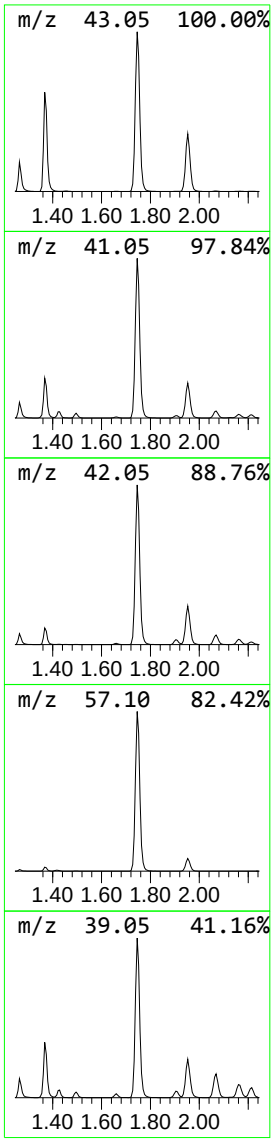
**********

Peak Number 1 Butane, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.745 | 469.67 ug/l | 5398770 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 64 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 36 |
| 3 | 1,3-Dimethyldiaziridine | 72 | C3H8N2 | 026177-36-6 | 25 |
| 4 | Oxirane, trimethyl- | 86 | C5H10O | 005076-19-7 | 25 |
| 5 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 23 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

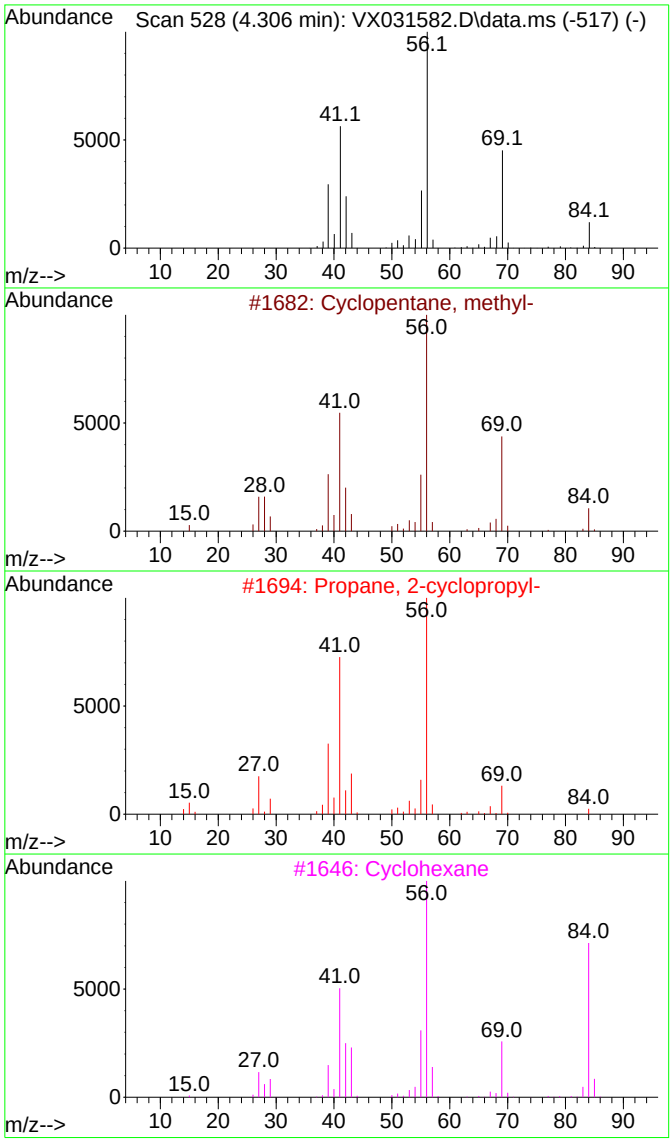
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

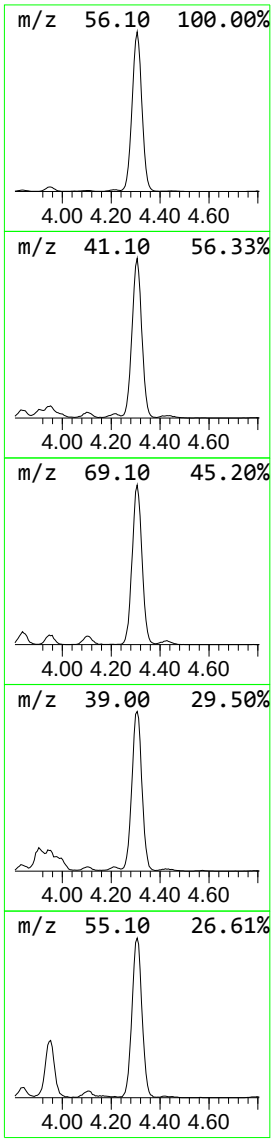
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Cyclopentane, methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.306 | 156.99 ug/l | 1804600 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | Propane, 2-cyclopropyl- | 84 | C6H12 | 003638-35-5 | 80 |
| 3 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 78 |
| 4 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 5 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

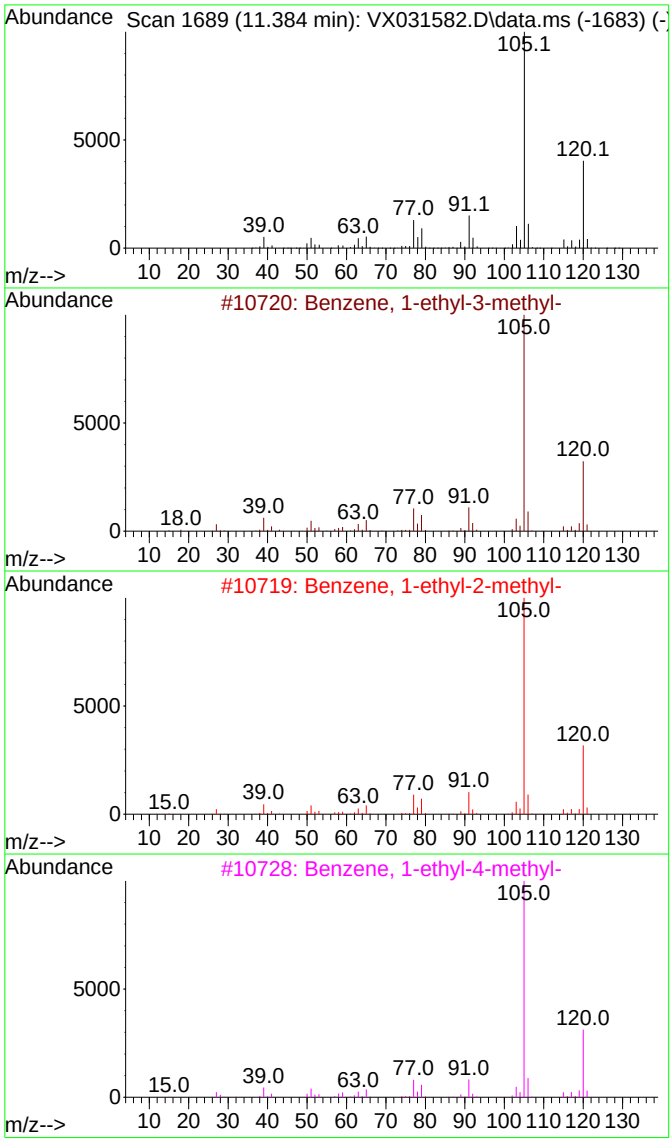
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

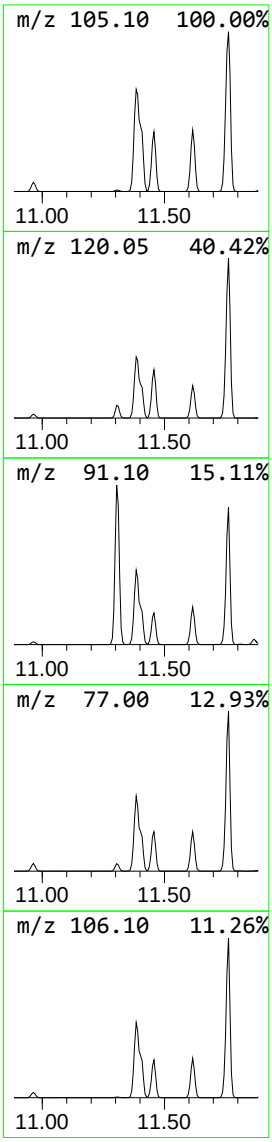
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.384 | 1324.32 ug/l | 23945400 | 1,4-Dichlorobenzene-d4 | 12.024 |

| 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 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

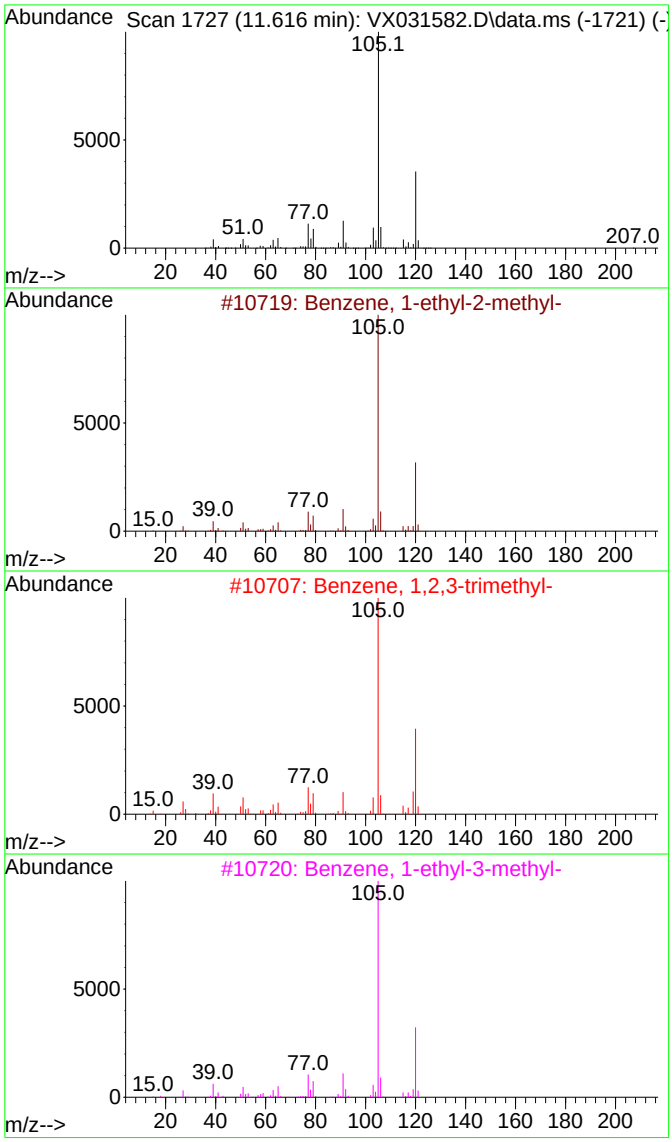
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

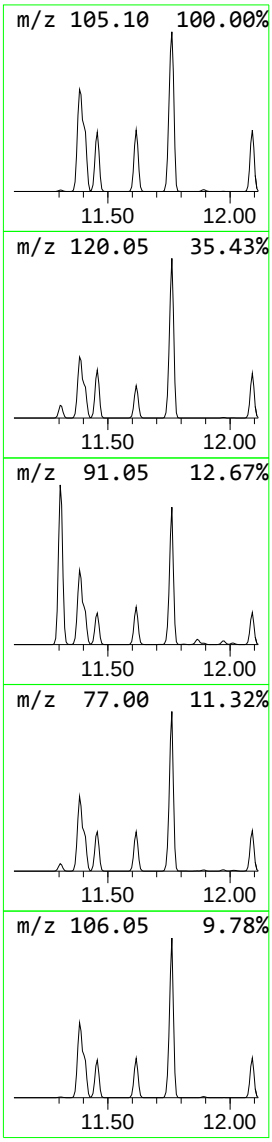
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.616 | 467.57 ug/l | 8454370 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

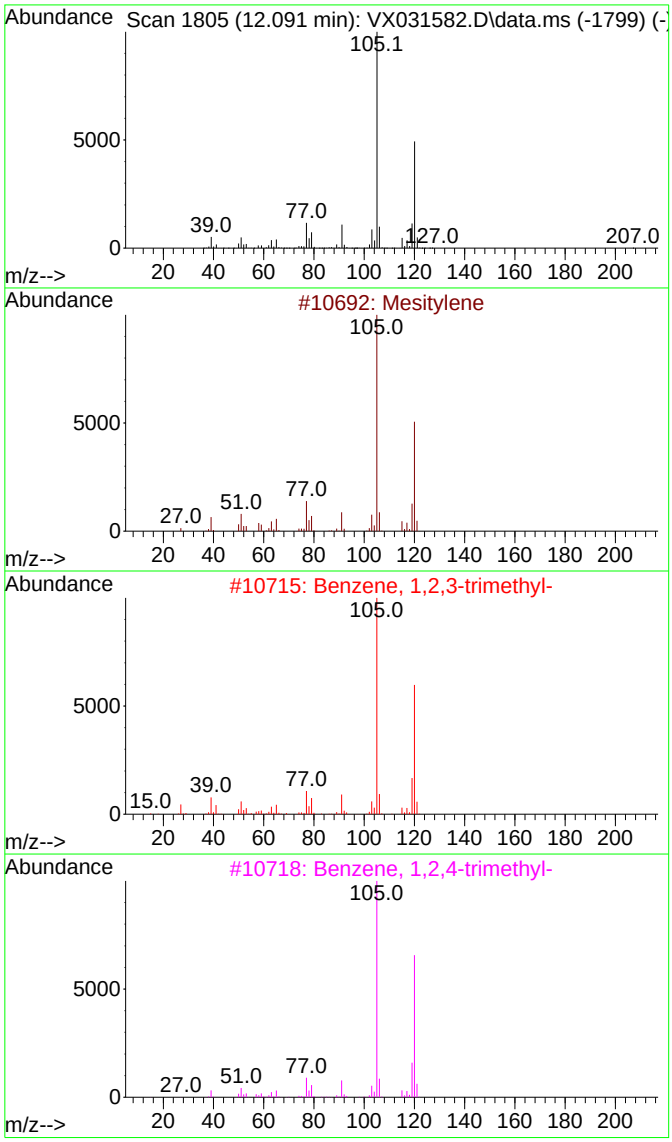
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

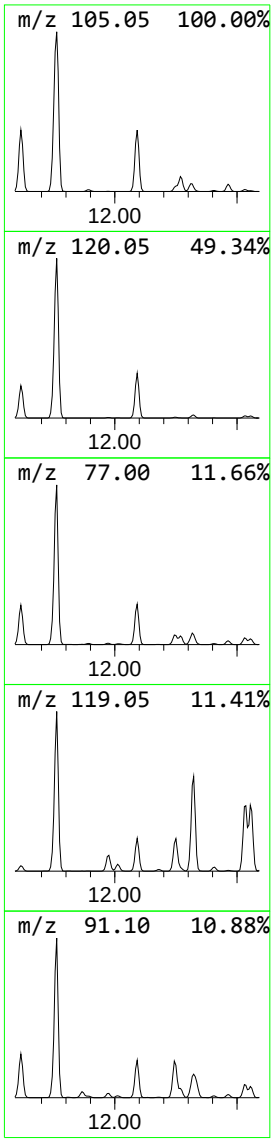
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.091 | 497.77 ug/l | 9000270 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

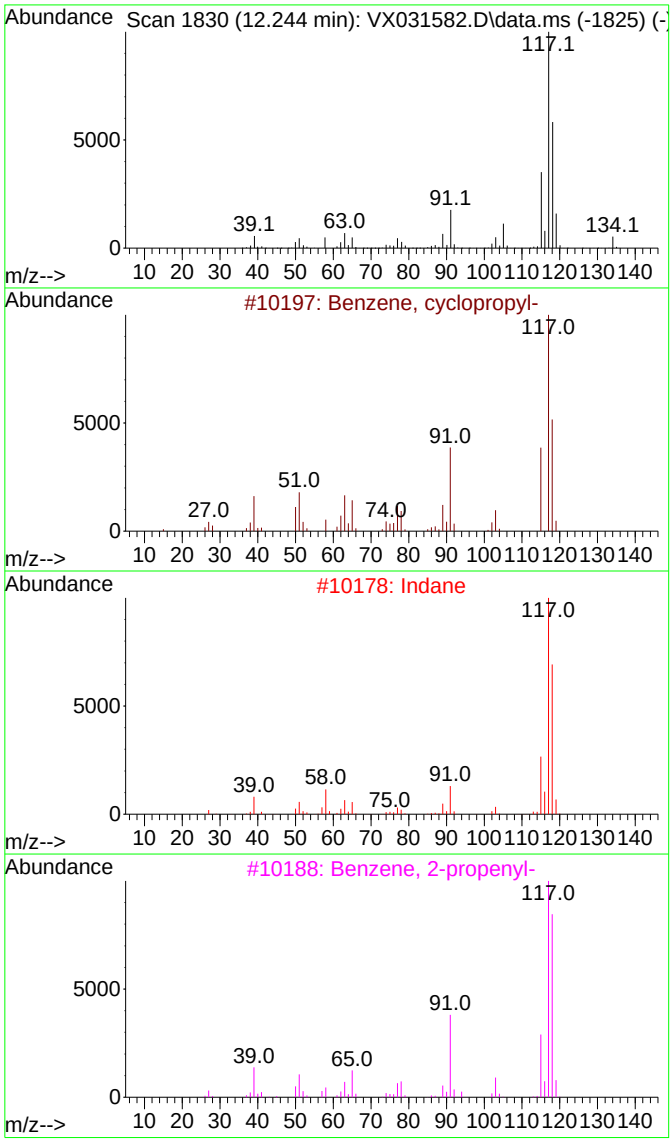
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

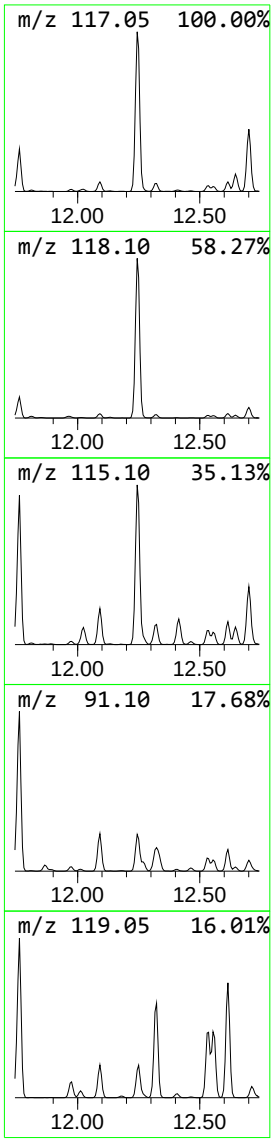
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, cyclopropyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.243 | 407.06 ug/l | 7360150 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 68 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 49 |
| 5 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 49 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

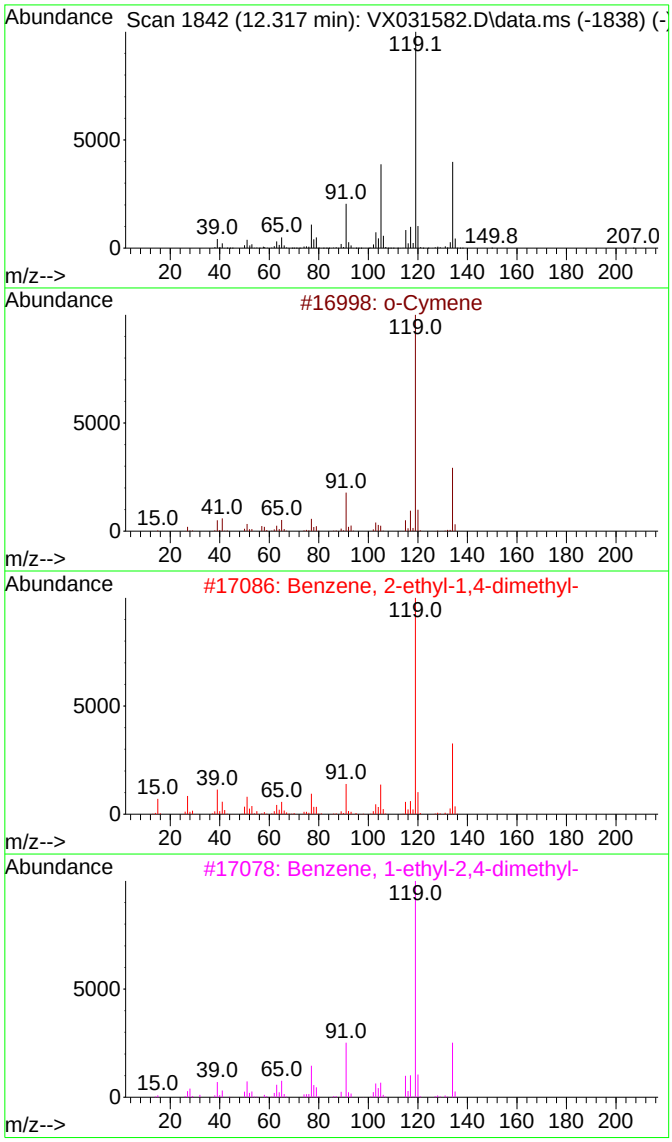
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

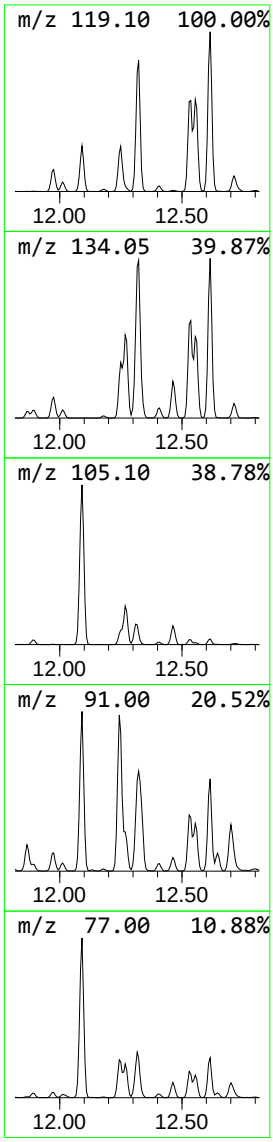
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 o-Cymene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.317 | 216.11 ug/l | 3907610 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

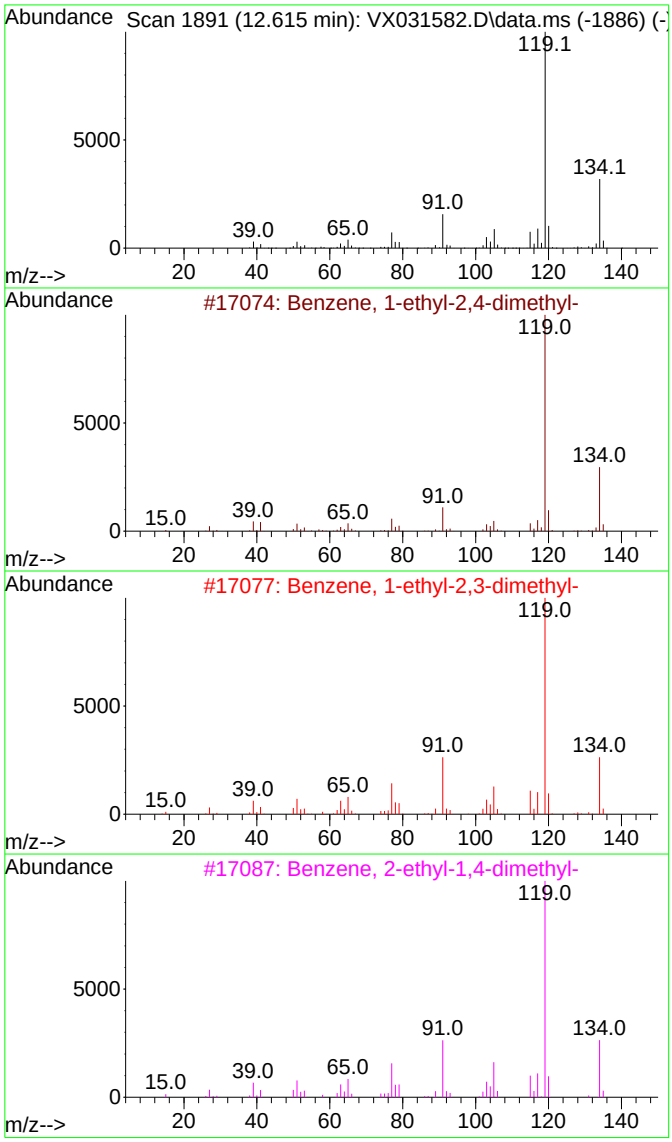
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

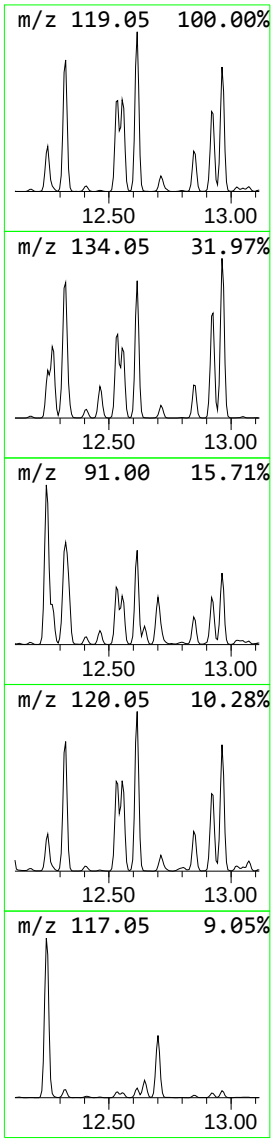
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.615 | 178.70 ug/l | 3231180 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 97 |
| 2 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 96 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

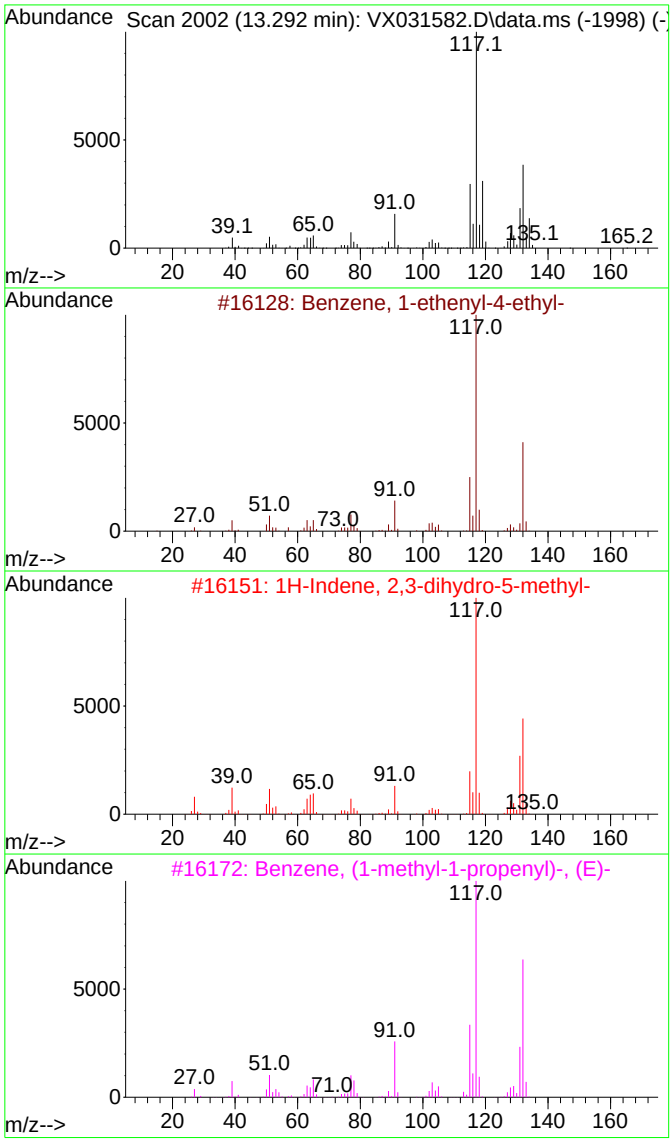
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

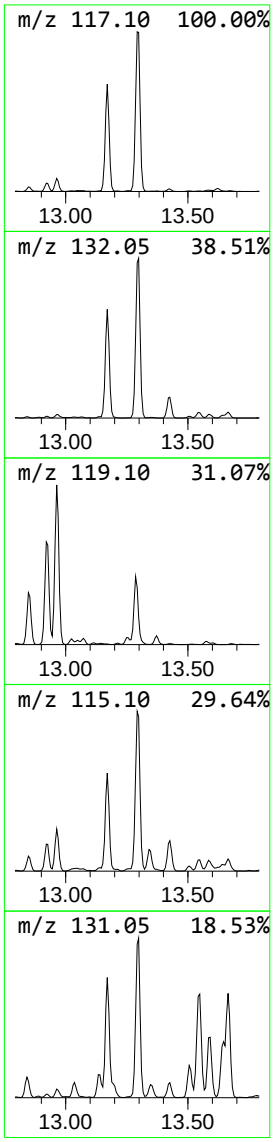
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 246.14 ug/l | 4450600 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 87 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 87 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

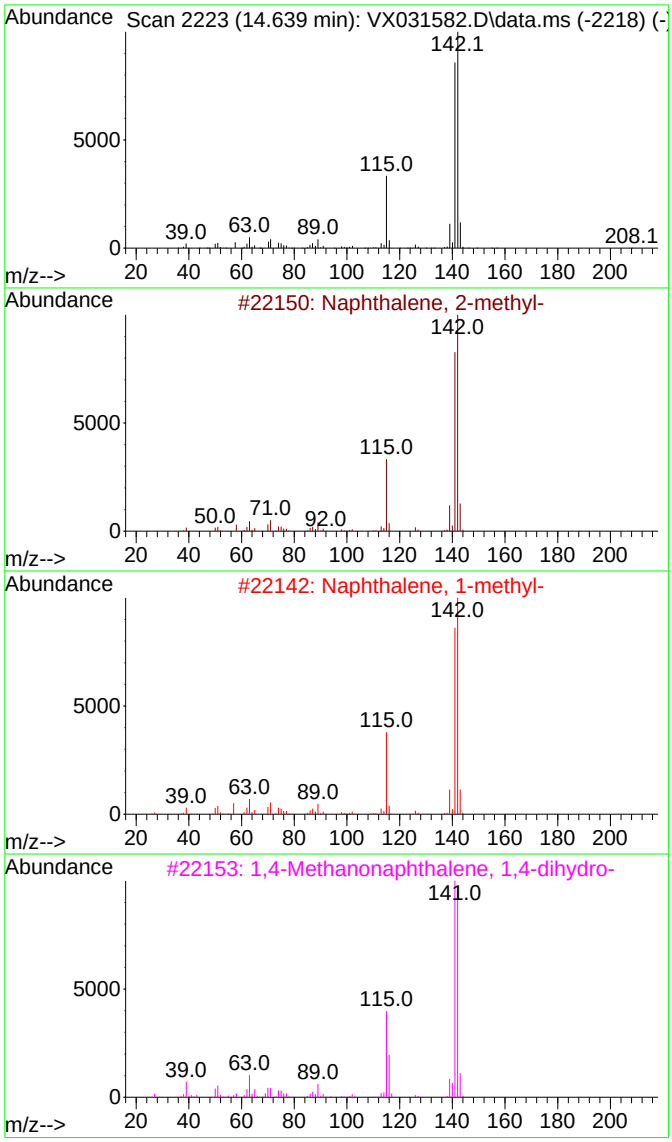
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

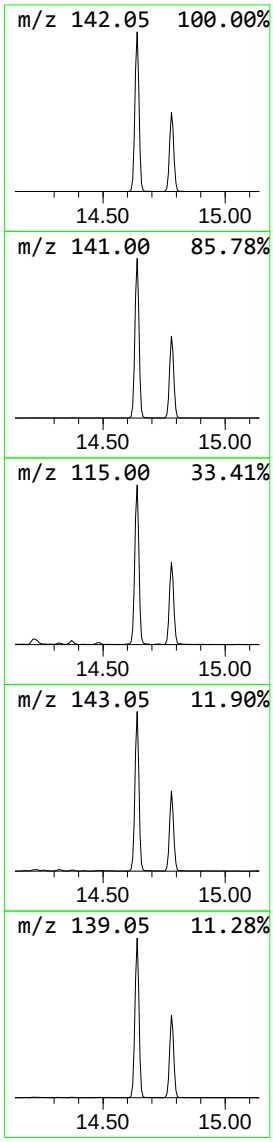
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.639 | 227.45 ug/l | 4112570 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 4 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 5 | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10 | 002443-46-1 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031582.D
Acq On : 22 Sep 2022 19:51
Operator : JC/MD
Sample : N4614-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-42

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methyl- | 1.745 | 469.7 | ug/l | 5398770 | 1 | 5.556 | 574744 | 50.0 |
| Cyclopentane, m... | 4.306 | 157.0 | ug/l | 1804600 | 1 | 5.556 | 574744 | 50.0 |
| Benzene, 1-ethy... | 11.384 | 1324.3 | ug/l | 23945400 | 4 | 12.024 | 904065 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 467.6 | ug/l | 8454370 | 4 | 12.024 | 904065 | 50.0 |
| Benzene, 1,2,3-... | 12.091 | 497.8 | ug/l | 9000270 | 4 | 12.024 | 904065 | 50.0 |
| Benzene, cyclop... | 12.243 | 407.1 | ug/l | 7360150 | 4 | 12.024 | 904065 | 50.0 |
| o-Cymene | 12.317 | 216.1 | ug/l | 3907610 | 4 | 12.024 | 904065 | 50.0 |
| Benzene, 1-ethy... | 12.615 | 178.7 | ug/l | 3231180 | 4 | 12.024 | 904065 | 50.0 |
| Benzene, 1-ethe... | 13.292 | 246.1 | ug/l | 4450600 | 4 | 12.024 | 904065 | 50.0 |
| Naphthalene, 2-... | 14.639 | 227.4 | ug/l | 4112570 | 4 | 12.024 | 904065 | 50.0 |