LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

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\82X053122W.M
Title : SW846 8260

Signal : TIC: VX029236.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 | 43 | 46 | 52 | rBV | 417129 | 412875 | 1.50% | 0.286% |
| 2 | 1.751 | 103 | 109 | 123 | rBV | 2478344 | 3395092 | 12.31% | 2.350% |
| 3 | 1.953 | 137 | 142 | 154 | rVB2 | 997892 | 1512634 | 5.48% | 1.047% |
| 4 | 2.215 | 180 | 185 | 196 | rVB | 548901 | 820627 | 2.97% | 0.568% |
| 5 | 2.782 | 256 | 278 | 281 | rBV2 | 432518 | 1241733 | 4.50% | 0.860% |
| 6 | 2.824 | 281 | 285 | 289 | rVV | 706941 | 1488042 | 5.39% | 1.030% |
| 7 | 2.867 | 289 | 292 | 305 | rVB2 | 643020 | 1419626 | 5.15% | 0.983% |
| 8 | 3.105 | 320 | 331 | 346 | rVB | 537146 | 1212180 | 4.39% | 0.839% |
| 9 | 3.446 | 377 | 387 | 400 | rVV | 189953 | 420111 | 1.52% | 0.291% |
| 10 | 3.733 | 427 | 434 | 443 | rVB | 296156 | 703134 | 2.55% | 0.487% |
| 11 | 3.843 | 443 | 452 | 457 | rBV | 201724 | 515435 | 1.87% | 0.357% |
| 12 | 4.105 | 485 | 495 | 505 | rBV | 206003 | 532591 | 1.93% | 0.369% |
| 13 | 4.306 | 519 | 528 | 539 | rVB | 1087672 | 3067209 | 11.12% | 2.123% |
| 14 | 4.428 | 539 | 548 | 562 | rVB | 124258 | 370670 | 1.34% | 0.257% |
| 15 | 5.196 | 646 | 674 | 691 | rBV | 279502 | 941886 | 3.41% | 0.652% |
| 16 | 5.391 | 691 | 706 | 712 | rBV2 | 235508 | 704593 | 2.55% | 0.488% |
| 17 | 5.476 | 712 | 720 | 727 | rVV2 | 308348 | 903937 | 3.28% | 0.626% |
| 18 | 5.556 | 727 | 733 | 739 | rVV | 290152 | 787154 | 2.85% | 0.545% |
| 19 | 5.623 | 740 | 744 | 765 | rVB3 | 203421 | 640807 | 2.32% | 0.444% |
| 20 | 5.830 | 765 | 778 | 790 | rBV4 | 95860 | 311873 | 1.13% | 0.216% |
| 21 | 5.958 | 790 | 799 | 804 | rBV | 218584 | 564752 | 2.05% | 0.391% |
| 22 | 6.043 | 804 | 813 | 825 | rVB | 3622102 | 9486108 | 34.39% | 6.567% |
| 23 | 6.202 | 825 | 839 | 844 | rBV3 | 168071 | 645676 | 2.34% | 0.447% |
| 24 | 6.360 | 857 | 865 | 877 | rVB2 | 102669 | 305414 | 1.11% | 0.211% |
| 25 | 6.763 | 922 | 931 | 940 | rBV | 574052 | 1529136 | 5.54% | 1.059% |
| 26 | 6.854 | 942 | 946 | 958 | rVB4 | 159585 | 394162 | 1.43% | 0.273% |
| 27 | 7.177 | 990 | 999 | 1009 | rVB | 152633 | 338478 | 1.23% | 0.234% |
| 28 | 7.378 | 1017 | 1032 | 1045 | rBV4 | 309940 | 872394 | 3.16% | 0.604% |
| 29 | 8.147 | 1153 | 1158 | 1163 | rVB | 364668 | 641567 | 2.33% | 0.444% |
| 30 | 8.506 | 1210 | 1217 | 1226 | rVB | 329545 | 552037 | 2.00% | 0.382% |
| 31 | 8.653 | 1235 | 1241 | 1247 | rVB | 1176132 | 1807696 | 6.55% | 1.251% |
| 32 | 8.720 | 1247 | 1252 | 1259 | rVB | 2102646 | 3096052 | 11.22% | 2.143% |
| 33 | 10.055 | 1461 | 1471 | 1476 | rBV | 1287545 | 1775399 | 6.44% | 1.229% |
| 34 | 10.195 | 1489 | 1494 | 1500 | rBV | 8949685 | 11883678 | 43.08% | 8.226% |
| 35 | 10.305 | 1506 | 1512 | 1518 | rBV | 19134811 | 27587189 | 100.00% | 19.097% |
| 36 | 10.646 | 1562 | 1568 | 1578 | rVB | 3038146 | 4046995 | 14.67% | 2.801% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

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\82X053122W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.963 | 1614 | 1620 | 1627 | rVB | 1095005 | 1324852 | 4.80% | 0.917% |
| 38 | 11.085 | 1635 | 1640 | 1646 | rBV | 1057867 | 1341789 | 4.86% | 0.929% |
| 39 | 11.305 | 1671 | 1676 | 1683 | rVB | 2058719 | 2464282 | 8.93% | 1.706% |
| 40 | 11.384 | 1683 | 1689 | 1690 | rVV | 1875750 | 2505761 | 9.08% | 1.735% |
| 41 | 11.402 | 1690 | 1692 | 1696 | rVV | 2749526 | 2851191 | 10.34% | 1.974% |
| 42 | 11.451 | 1696 | 1700 | 1706 | rVB | 2055323 | 2567050 | 9.31% | 1.777% |
| 43 | 11.616 | 1721 | 1727 | 1737 | rBV | 3062720 | 3721160 | 13.49% | 2.576% |
| 44 | 11.756 | 1744 | 1750 | 1755 | rBV | 9967553 | 11742663 | 42.57% | 8.129% |
| 45 | 12.024 | 1789 | 1794 | 1799 | rVB | 1472383 | 1811243 | 6.57% | 1.254% |
| 46 | 12.091 | 1799 | 1805 | 1810 | rBV | 4284163 | 5304164 | 19.23% | 3.672% |
| 47 | 12.243 | 1824 | 1830 | 1838 | rBV | 5287609 | 6772560 | 24.55% | 4.688% |
| 48 | 12.317 | 1838 | 1842 | 1852 | rVB4 | 590131 | 901921 | 3.27% | 0.624% |
| 49 | 12.408 | 1852 | 1857 | 1862 | rBV2 | 221342 | 300540 | 1.09% | 0.208% |
| 50 | 12.463 | 1862 | 1866 | 1872 | rVB | 340477 | 402268 | 1.46% | 0.278% |
| 51 | 12.530 | 1872 | 1877 | 1880 | rBV | 493838 | 670948 | 2.43% | 0.464% |
| 52 | 12.615 | 1886 | 1891 | 1894 | rBV | 1149181 | 1380986 | 5.01% | 0.956% |
| 53 | 12.646 | 1894 | 1896 | 1900 | rVV | 326880 | 354129 | 1.28% | 0.245% |
| 54 | 12.701 | 1900 | 1905 | 1913 | rVB | 1132476 | 1468025 | 5.32% | 1.016% |
| 55 | 12.847 | 1924 | 1929 | 1935 | rVB | 276139 | 355409 | 1.29% | 0.246% |
| 56 | 12.920 | 1935 | 1941 | 1945 | rBV | 808015 | 1014100 | 3.68% | 0.702% |
| 57 | 12.963 | 1945 | 1948 | 1954 | rVB | 732142 | 844859 | 3.06% | 0.585% |
| 58 | 13.170 | 1978 | 1982 | 1992 | rVB | 875242 | 1084479 | 3.93% | 0.751% |
| 59 | 13.292 | 1997 | 2002 | 2007 | rVB2 | 1649228 | 2127524 | 7.71% | 1.473% |
| 60 | 13.426 | 2019 | 2024 | 2030 | rVB | 276417 | 348171 | 1.26% | 0.241% |
| 61 | 13.774 | 2075 | 2081 | 2091 | rBV | 2488580 | 3170258 | 11.49% | 2.195% |
| 62 | 14.639 | 2219 | 2223 | 2234 | rVB | 281394 | 360374 | 1.31% | 0.249% |
| 63 | 14.780 | 2241 | 2246 | 2257 | rBV | 265985 | 339839 | 1.23% | 0.235% |

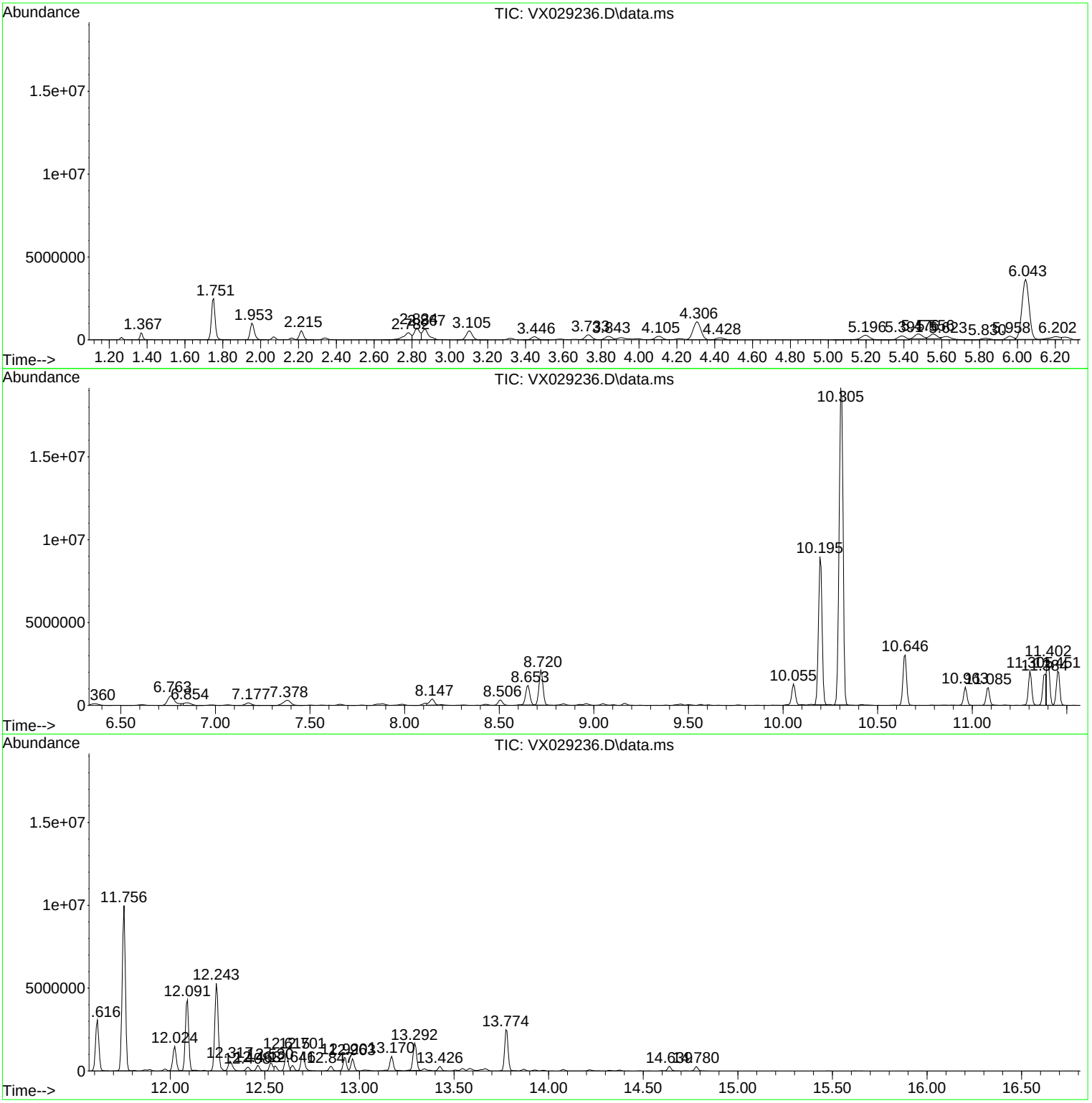
Sum of corrected areas: 144459487

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

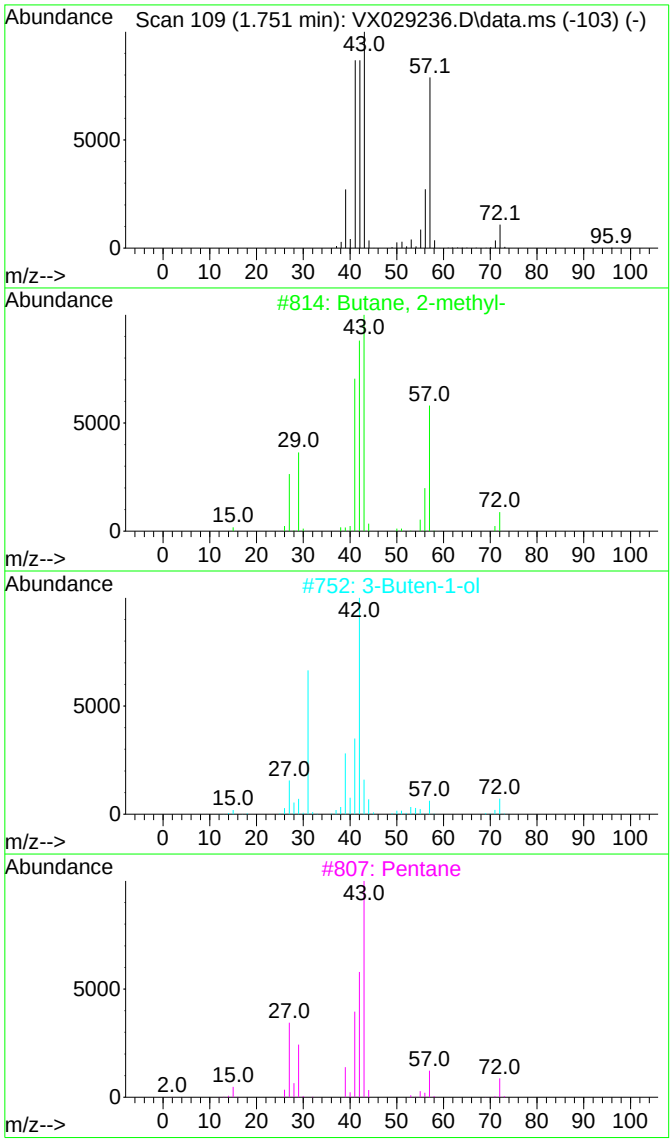
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

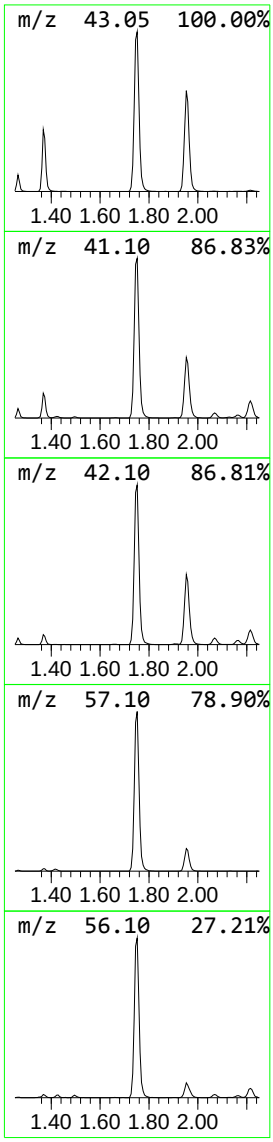
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.751 | 215.66 ug/l | 3395090 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 91 |
| 2 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 47 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 42 |
| 4 | 1,3-Dimethyldiaziridine | 72 | C3H8N2 | 026177-36-6 | 33 |
| 5 | Butane, 2-nitro- | 103 | C4H9NO2 | 000600-24-8 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

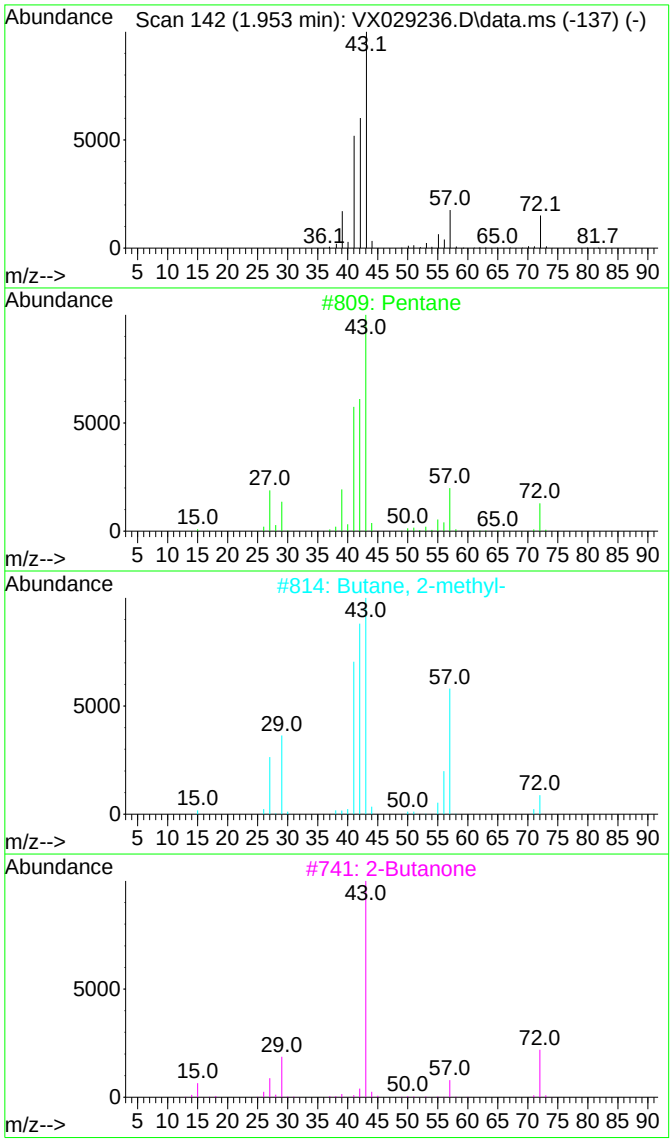
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

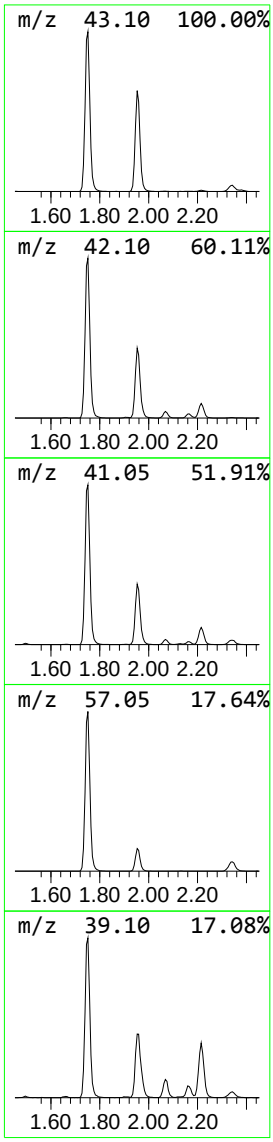
**********

Peak Number 2 Pentane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.953 | 96.08 ug/l | 1512630 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane | 72 | C5H12 | 000109-66-0 | 91 |
| 2 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 38 |
| 3 | 2-Butanone | 72 | C4H8O | 000078-93-3 | 35 |
| 4 | Diaziridine,3,3-dimethyl- | 72 | C3H8N2 | 004901-76-2 | 17 |
| 5 | 2-Propanone, hydrazone | 72 | C3H8N2 | 005281-20-9 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

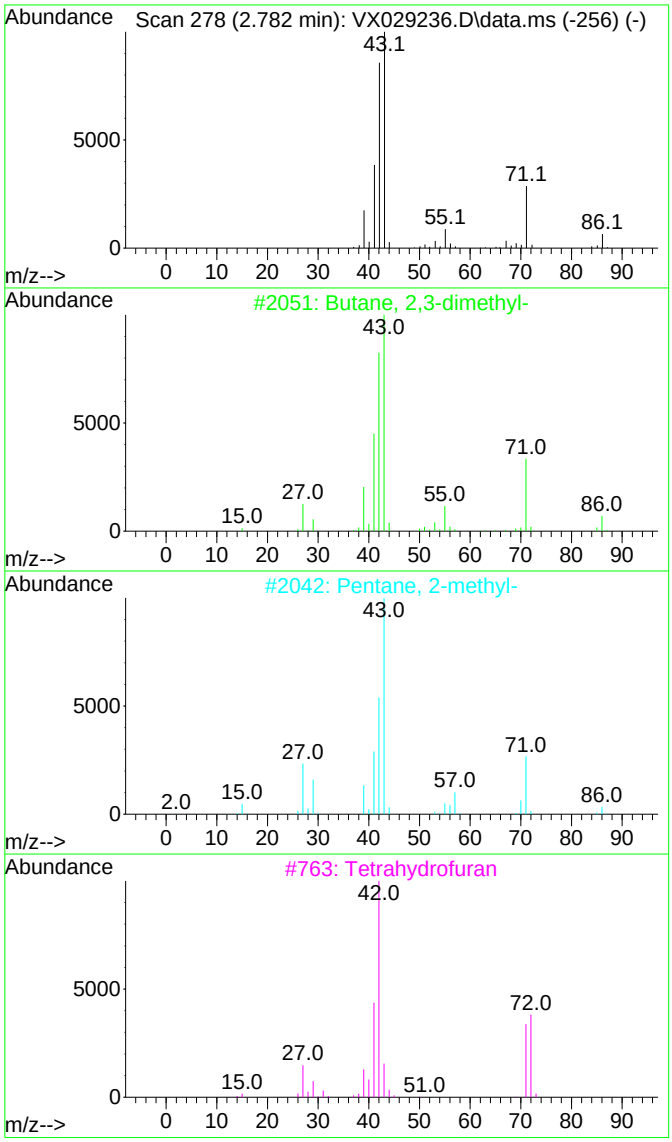
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

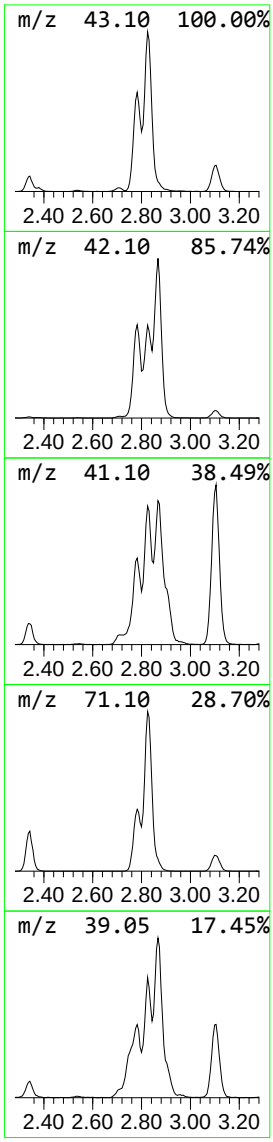
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.782 | 78.87 ug/l | 1241730 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 91 |
| 2 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 64 |
| 3 | Tetrahydrofuran | 72 | C4H8O | 000109-99-9 | 36 |
| 4 | Pyrrolidine | 71 | C4H9N | 000123-75-1 | 12 |
| 5 | Oxalic acid, pentyl propyl ester | 202 | C10H18O4 | 1000309-25-7 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

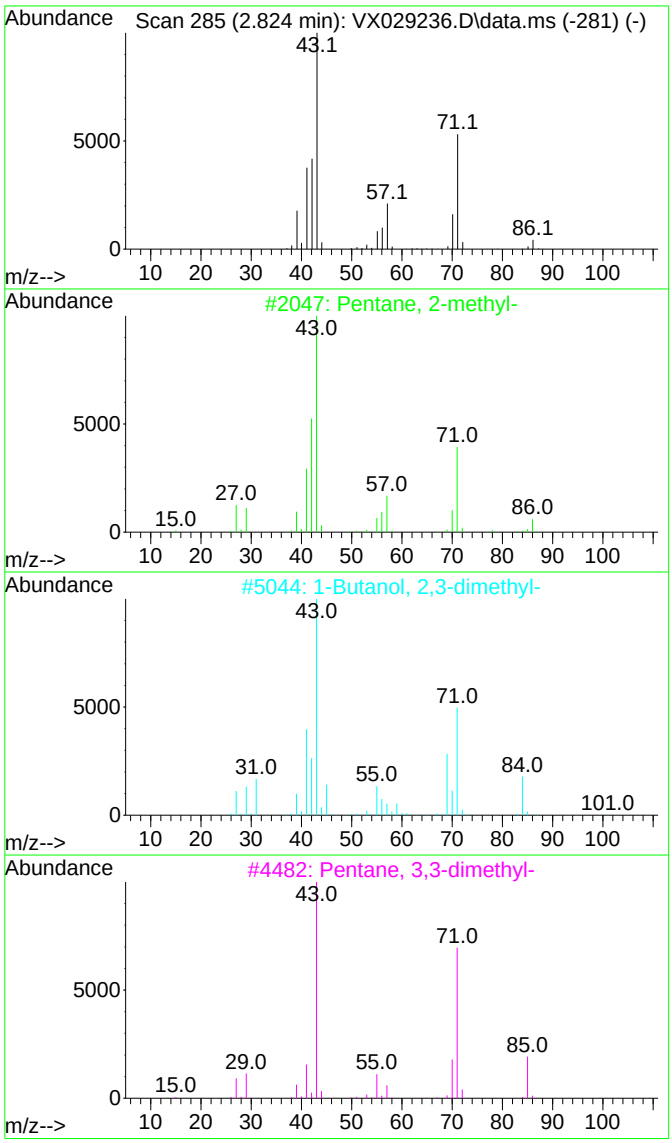
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

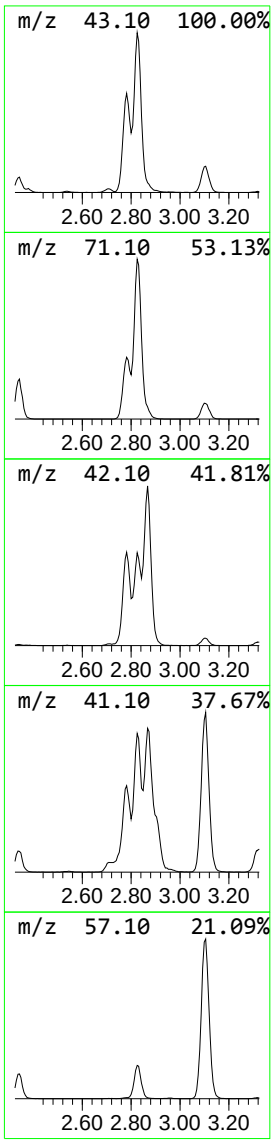
**********

Peak Number 4 Pentane, 2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.824 | 94.52 ug/l | 1488040 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 91 |
| 2 | 1-Butanol, 2,3-dimethyl- | 102 | C6H14O | 019550-30-2 | 45 |
| 3 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 38 |
| 4 | Sulfurous acid, hexyl 2-pentyl e... | 236 | C11H24O3S | 1000309-15-6 | 36 |
| 5 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

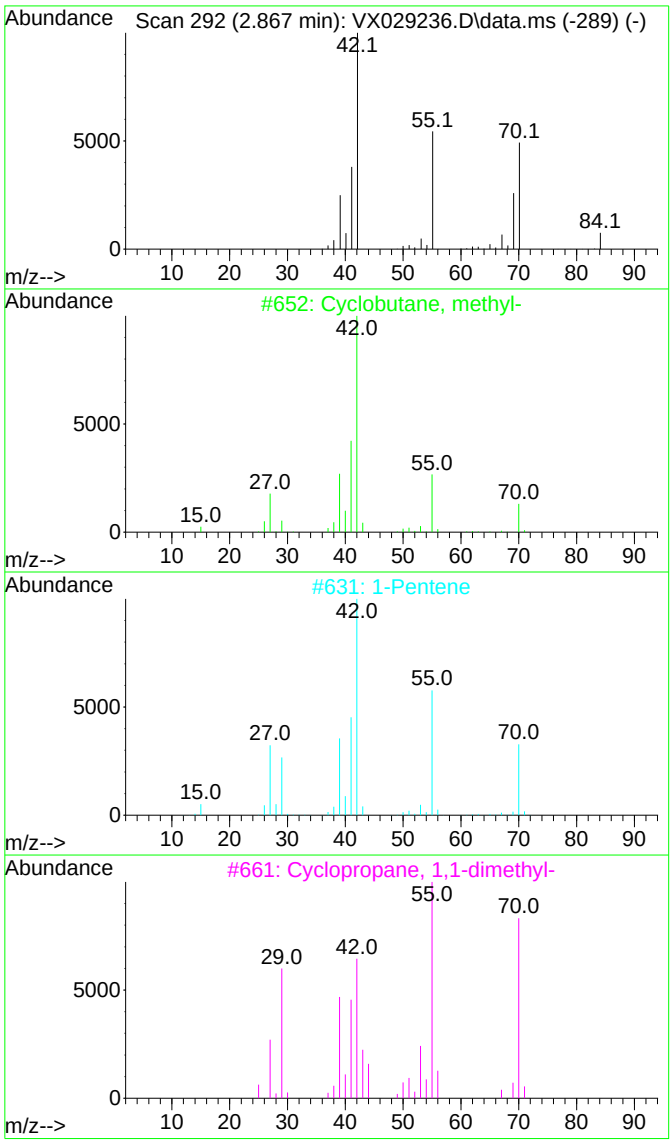
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

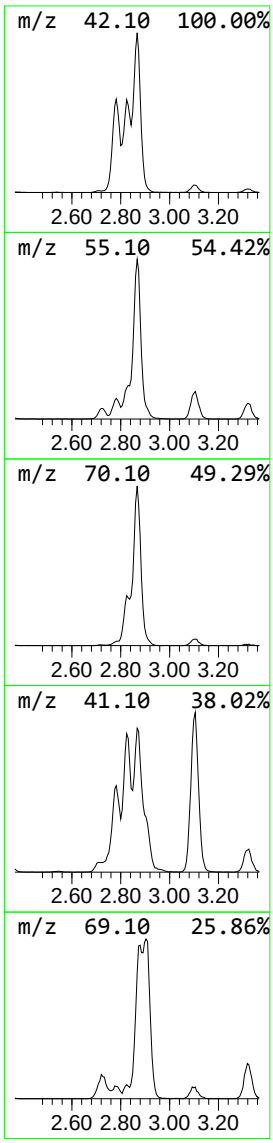
**********

Peak Number 5 Cyclobutane, methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.867 | 90.17 ug/l | 1419630 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 86 |
| 2 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 86 |
| 3 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 23 |
| 4 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 12 |
| 5 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

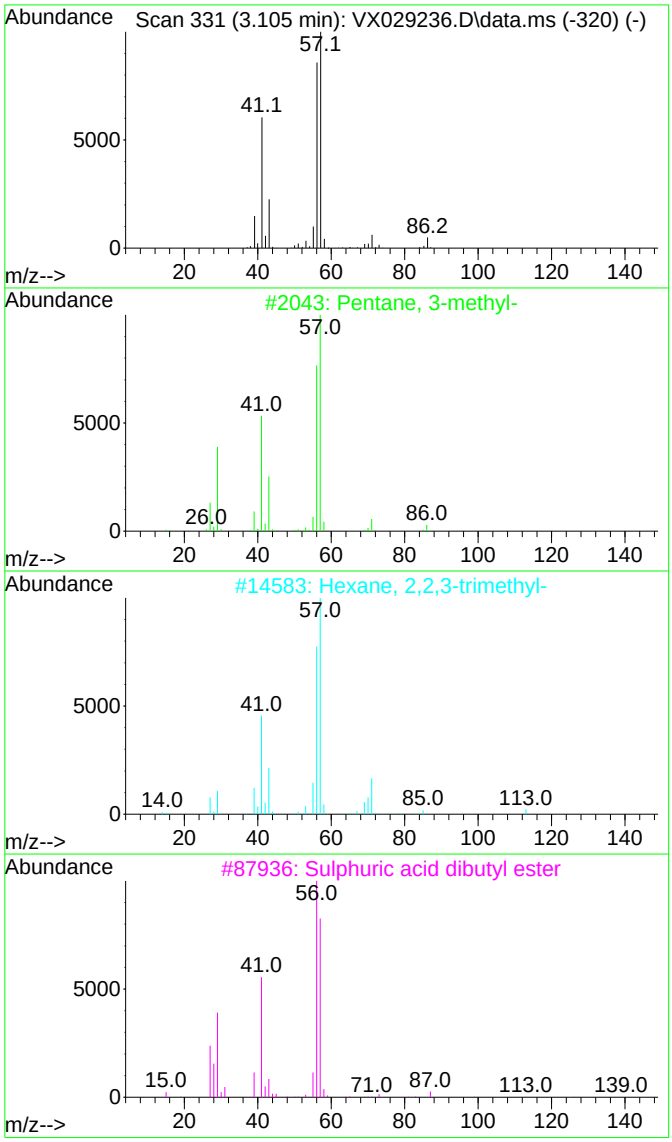
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

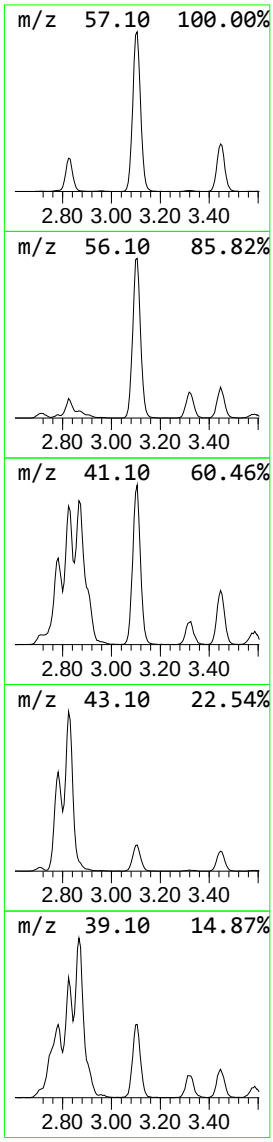
**********

Peak Number 6 Pentane, 3-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.105 | 77.00 ug/l | 1212180 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 91 |
| 2 | Hexane, 2,2,3-trimethyl- | 128 | C9H20 | 016747-25-4 | 78 |
| 3 | Sulphuric acid dibutyl ester | 210 | C8H18O4S | 000625-22-9 | 64 |
| 4 | Butane, 2,2,3-trimethyl- | 100 | C7H16 | 000464-06-2 | 64 |
| 5 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 56 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

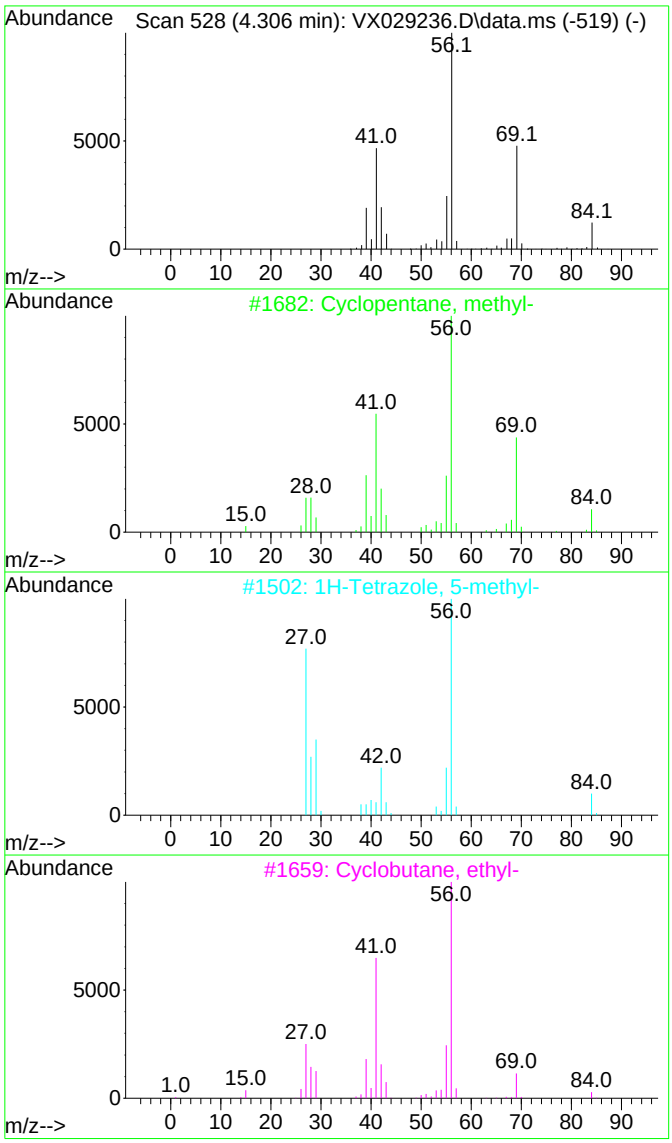
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

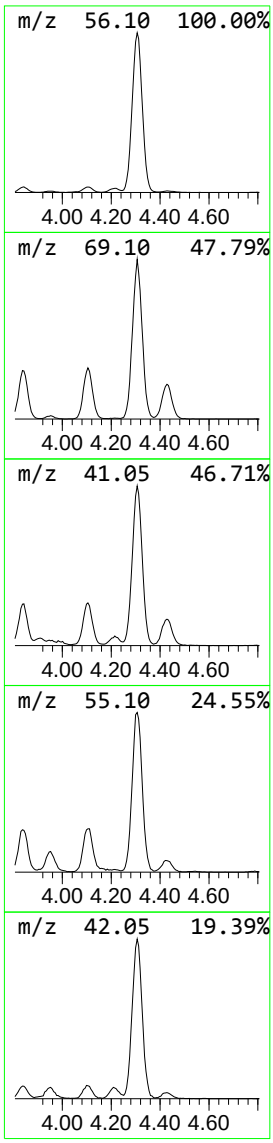
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Cyclopentane, methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.306 | 194.83 ug/l | 3067210 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 80 |
| 3 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 59 |
| 4 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 49 |
| 5 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

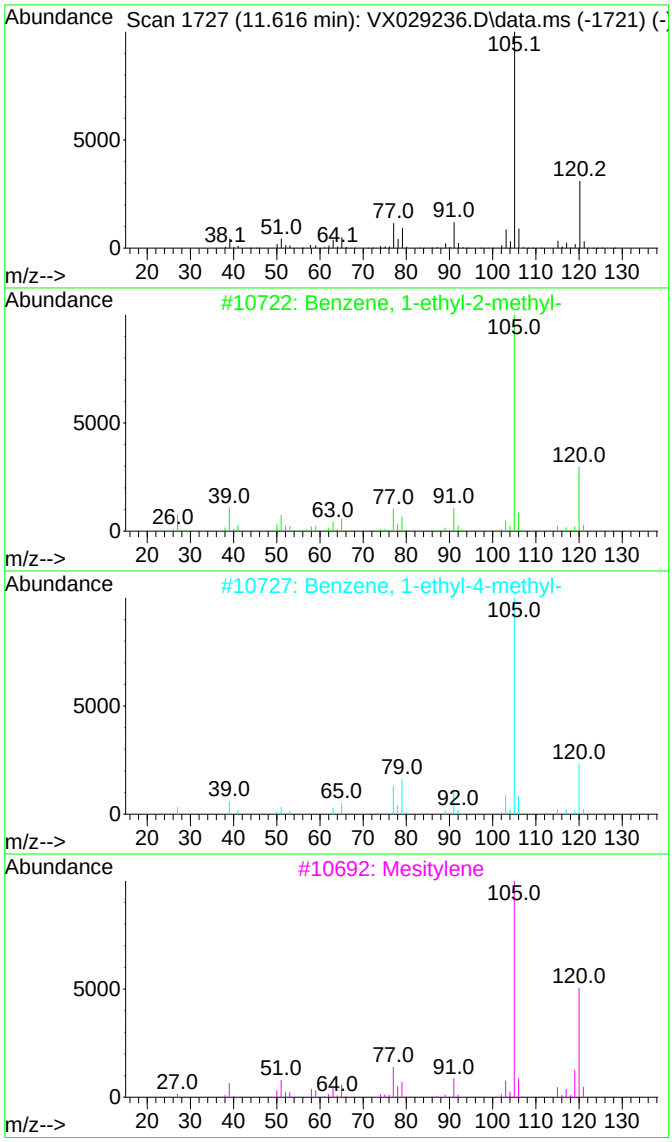
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

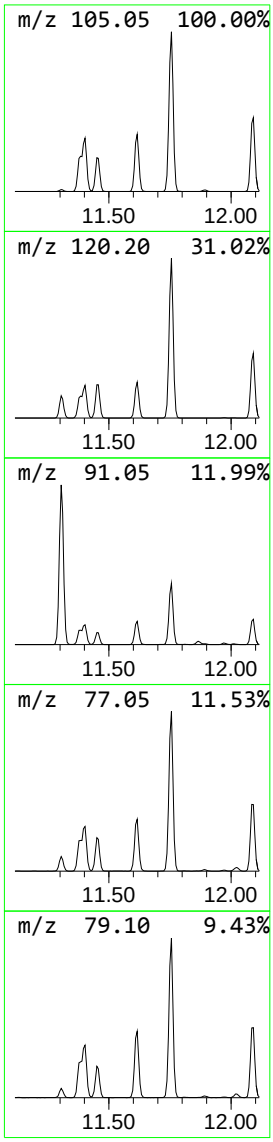
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.616 | 102.72 ug/l | 3721160 | 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 | 95 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

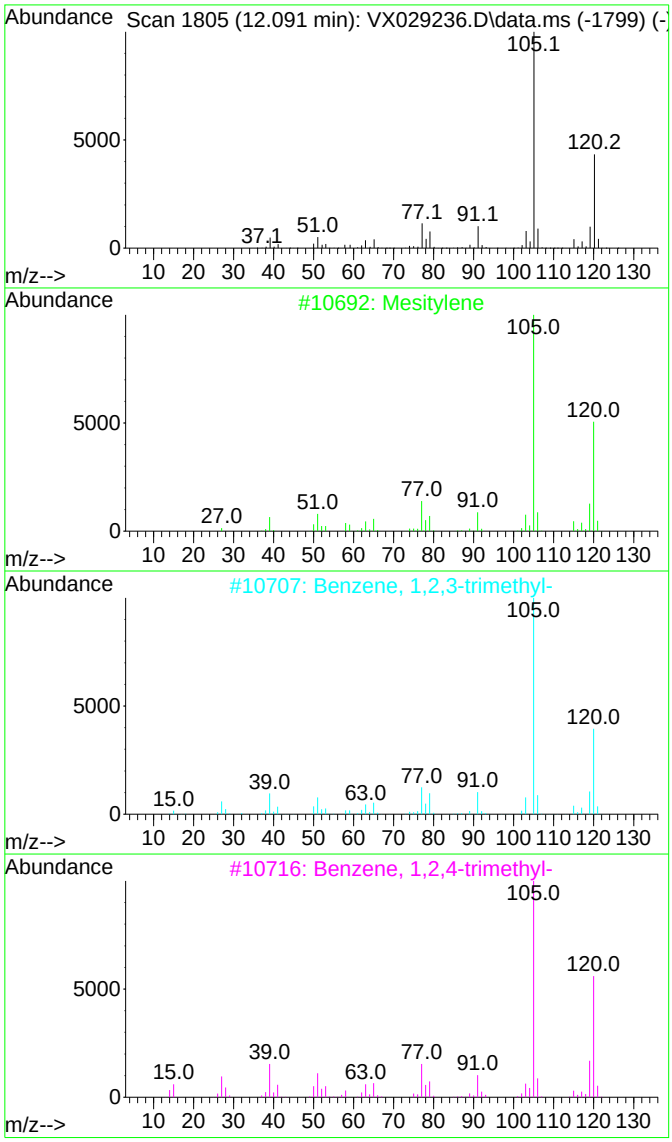
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

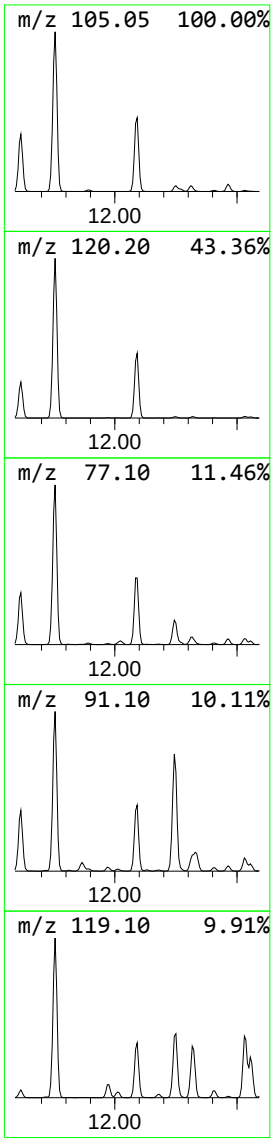
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.091 | 146.42 ug/l | 5304160 | 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 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

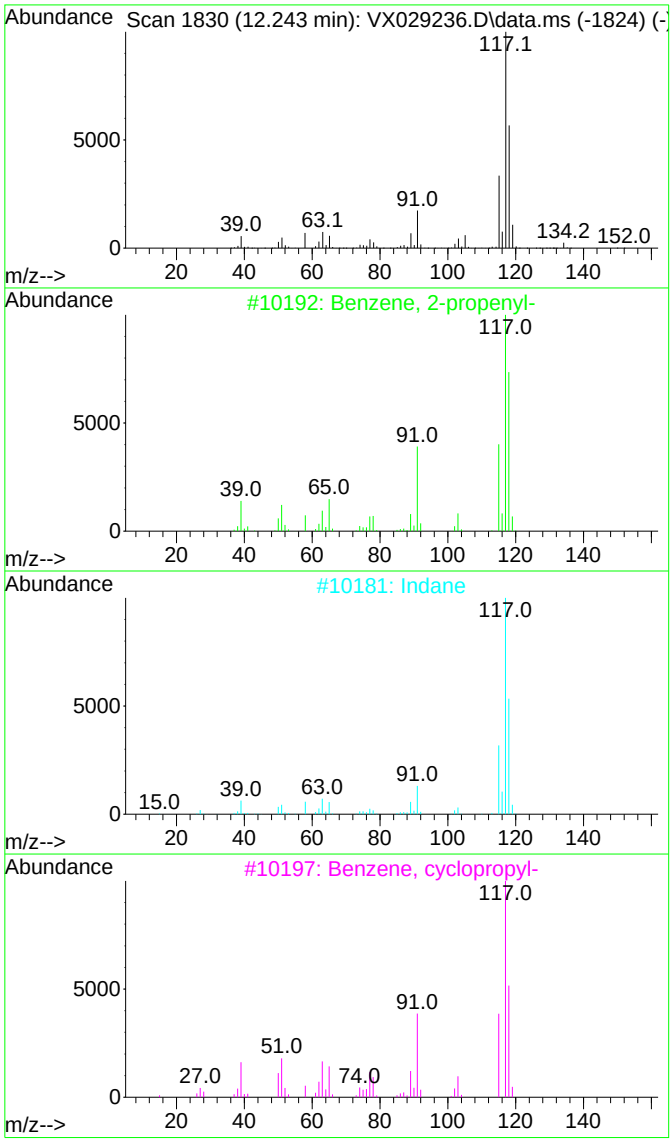
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260

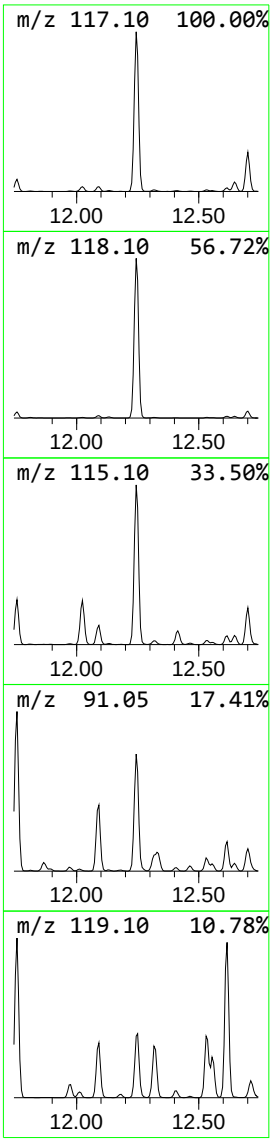
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.243 | 186.96 ug/l | 6772560 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 87 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 81 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 74 |
| 5 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029236.D
Acq On : 06 Jun 2022 14:00
Operator : JC/MD
Sample : N3174-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
INF0622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.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- | 1.751 | 215.7 | ug/l | 3395090 | 1 | 5.556 | 787154 | 50.0 |
| Pentane | 1.953 | 96.1 | ug/l | 1512630 | 1 | 5.556 | 787154 | 50.0 |
| Butane, 2,3-dim... | 2.782 | 78.9 | ug/l | 1241730 | 1 | 5.556 | 787154 | 50.0 |
| Pentane, 2-methyl- | 2.824 | 94.5 | ug/l | 1488040 | 1 | 5.556 | 787154 | 50.0 |
| Cyclobutane, me... | 2.867 | 90.2 | ug/l | 1419630 | 1 | 5.556 | 787154 | 50.0 |
| Pentane, 3-methyl- | 3.105 | 77.0 | ug/l | 1212180 | 1 | 5.556 | 787154 | 50.0 |
| Cyclopentane, m... | 4.306 | 194.8 | ug/l | 3067210 | 1 | 5.556 | 787154 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 102.7 | ug/l | 3721160 | 4 | 12.024 | 1811240 | 50.0 |
| Benzene, 1,2,3-... | 12.091 | 146.4 | ug/l | 5304160 | 4 | 12.024 | 1811240 | 50.0 |
| Benzene, 2-prop... | 12.243 | 187.0 | ug/l | 6772560 | 4 | 12.024 | 1811240 | 50.0 |