LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

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\82X112222W.M
Title : SW846 8260

Signal : TIC: VX033054.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.264 | 25 | 29 | 41 | rBV | 29219 | 54074 | 3.66% | 0.521% |
| 2 | 1.373 | 41 | 47 | 53 | rVB | 50962 | 58742 | 3.98% | 0.566% |
| 3 | 1.751 | 104 | 109 | 118 | rVB | 68586 | 88465 | 5.99% | 0.853% |
| 4 | 1.965 | 138 | 144 | 155 | rVB3 | 34339 | 72129 | 4.89% | 0.695% |
| 5 | 2.074 | 157 | 162 | 169 | rVV | 19330 | 29980 | 2.03% | 0.289% |
| 6 | 2.166 | 169 | 177 | 181 | rVV | 17269 | 27879 | 1.89% | 0.269% |
| 7 | 2.215 | 181 | 185 | 195 | rVB | 53201 | 82507 | 5.59% | 0.795% |
| 8 | 2.751 | 262 | 273 | 282 | rBV | 30071 | 66378 | 4.50% | 0.640% |
| 9 | 2.867 | 287 | 292 | 304 | rVV2 | 30217 | 70808 | 4.80% | 0.683% |
| 10 | 2.989 | 304 | 312 | 324 | rVV3 | 7303 | 25525 | 1.73% | 0.246% |
| 11 | 3.111 | 324 | 332 | 342 | rVB2 | 24858 | 58167 | 3.94% | 0.561% |
| 12 | 3.733 | 426 | 434 | 444 | rBV2 | 9264 | 24532 | 1.66% | 0.236% |
| 13 | 3.903 | 457 | 462 | 469 | rVV | 6392 | 16287 | 1.10% | 0.157% |
| 14 | 4.105 | 486 | 495 | 504 | rVB4 | 6101 | 15360 | 1.04% | 0.148% |
| 15 | 4.306 | 518 | 528 | 538 | rVB2 | 22565 | 63375 | 4.29% | 0.611% |
| 16 | 5.196 | 662 | 674 | 687 | rVB2 | 9247 | 26280 | 1.78% | 0.253% |
| 17 | 5.385 | 692 | 705 | 714 | rBV | 65548 | 187398 | 12.70% | 1.806% |
| 18 | 5.476 | 714 | 720 | 724 | rVV3 | 14621 | 40783 | 2.76% | 0.393% |
| 19 | 5.549 | 724 | 732 | 748 | rVB | 137996 | 391959 | 26.56% | 3.778% |
| 20 | 5.958 | 788 | 799 | 804 | rBV | 69952 | 179094 | 12.14% | 1.726% |
| 21 | 6.037 | 804 | 812 | 826 | rVB | 562190 | 1475779 | 100.00% | 14.226% |
| 22 | 6.202 | 830 | 839 | 846 | rBV2 | 9014 | 25118 | 1.70% | 0.242% |
| 23 | 6.763 | 920 | 931 | 942 | rBV | 210481 | 503412 | 34.11% | 4.853% |
| 24 | 7.378 | 1021 | 1032 | 1041 | rBV4 | 6290 | 15726 | 1.07% | 0.152% |
| 25 | 8.646 | 1234 | 1240 | 1247 | rBV | 323092 | 506793 | 34.34% | 4.885% |
| 26 | 8.720 | 1247 | 1252 | 1260 | rVB | 162126 | 249921 | 16.93% | 2.409% |
| 27 | 9.457 | 1366 | 1373 | 1378 | rBV2 | 11119 | 17626 | 1.19% | 0.170% |
| 28 | 9.945 | 1448 | 1453 | 1460 | rBV | 13181 | 18807 | 1.27% | 0.181% |
| 29 | 10.055 | 1465 | 1471 | 1484 | rVV | 440490 | 585765 | 39.69% | 5.647% |
| 30 | 10.195 | 1488 | 1494 | 1505 | rBV | 883142 | 1132303 | 76.73% | 10.915% |
| 31 | 10.299 | 1505 | 1511 | 1521 | rVB | 843508 | 1155816 | 78.32% | 11.142% |
| 32 | 10.640 | 1562 | 1567 | 1577 | rVB | 204656 | 261035 | 17.69% | 2.516% |
| 33 | 10.963 | 1615 | 1620 | 1625 | rBV | 34643 | 43178 | 2.93% | 0.416% |
| 34 | 11.079 | 1634 | 1639 | 1650 | rBV | 286100 | 359042 | 24.33% | 3.461% |
| 35 | 11.304 | 1671 | 1676 | 1682 | rBV | 63062 | 75539 | 5.12% | 0.728% |
| 36 | 11.378 | 1683 | 1688 | 1690 | rVV | 73628 | 101357 | 6.87% | 0.977% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

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\82X112222W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.396 | 1690 | 1691 | 1696 | rVV | 88027 | 88535 | 6.00% | 0.853% |
| 38 | 11.451 | 1696 | 1700 | 1706 | rVB | 51600 | 62656 | 4.25% | 0.604% |
| 39 | 11.615 | 1721 | 1727 | 1733 | rBV | 86021 | 111358 | 7.55% | 1.073% |
| 40 | 11.750 | 1744 | 1749 | 1756 | rBV | 438066 | 539490 | 36.56% | 5.200% |
| 41 | 12.024 | 1788 | 1794 | 1799 | rBV | 450095 | 567100 | 38.43% | 5.467% |
| 42 | 12.085 | 1799 | 1804 | 1809 | rVB | 164234 | 202057 | 13.69% | 1.948% |
| 43 | 12.243 | 1824 | 1830 | 1838 | rBV | 183454 | 229293 | 15.54% | 2.210% |
| 44 | 12.316 | 1838 | 1842 | 1849 | rVB3 | 11878 | 17547 | 1.19% | 0.169% |
| 45 | 12.414 | 1853 | 1858 | 1862 | rBV | 16931 | 22751 | 1.54% | 0.219% |
| 46 | 12.530 | 1873 | 1877 | 1879 | rBV | 14217 | 17130 | 1.16% | 0.165% |
| 47 | 12.615 | 1886 | 1891 | 1894 | rBV | 22216 | 27491 | 1.86% | 0.265% |
| 48 | 12.701 | 1900 | 1905 | 1912 | rVB2 | 23451 | 32782 | 2.22% | 0.316% |
| 49 | 12.920 | 1935 | 1941 | 1945 | rBV | 13407 | 16385 | 1.11% | 0.158% |
| 50 | 12.963 | 1945 | 1948 | 1955 | rVB | 18847 | 21517 | 1.46% | 0.207% |
| 51 | 13.170 | 1978 | 1982 | 1987 | rVB | 18015 | 20989 | 1.42% | 0.202% |
| 52 | 13.292 | 1997 | 2002 | 2008 | rVB2 | 43553 | 56678 | 3.84% | 0.546% |
| 53 | 13.420 | 2019 | 2023 | 2029 | rBV2 | 14781 | 18660 | 1.26% | 0.180% |
| 54 | 13.774 | 2076 | 2081 | 2087 | rBV | 139227 | 172292 | 11.67% | 1.661% |
| 55 | 14.639 | 2219 | 2223 | 2231 | rVB | 14364 | 19116 | 1.30% | 0.184% |
| 56 | 14.779 | 2241 | 2246 | 2255 | rVB | 18762 | 23083 | 1.56% | 0.223% |

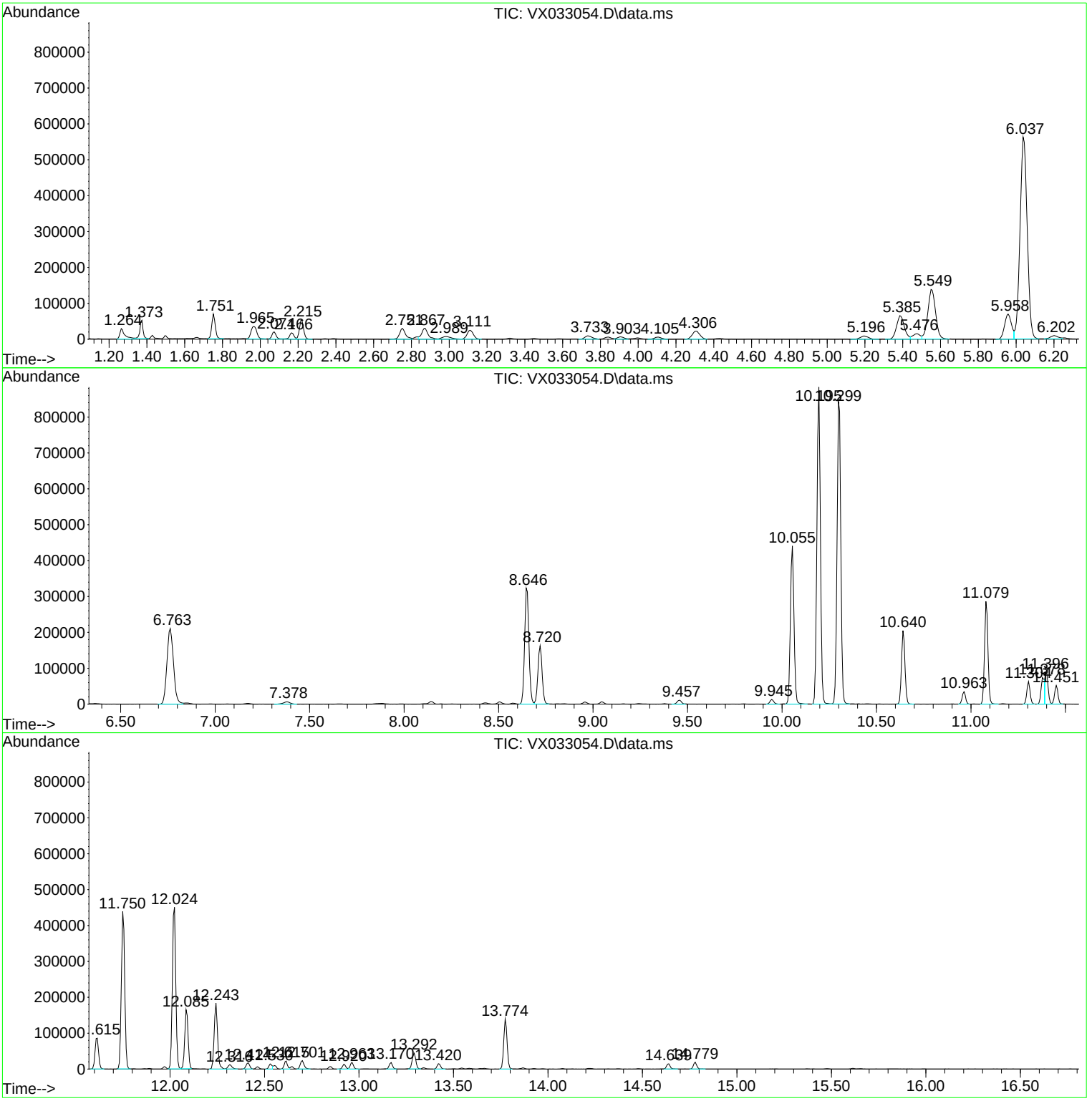
Sum of corrected areas: 10373849

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

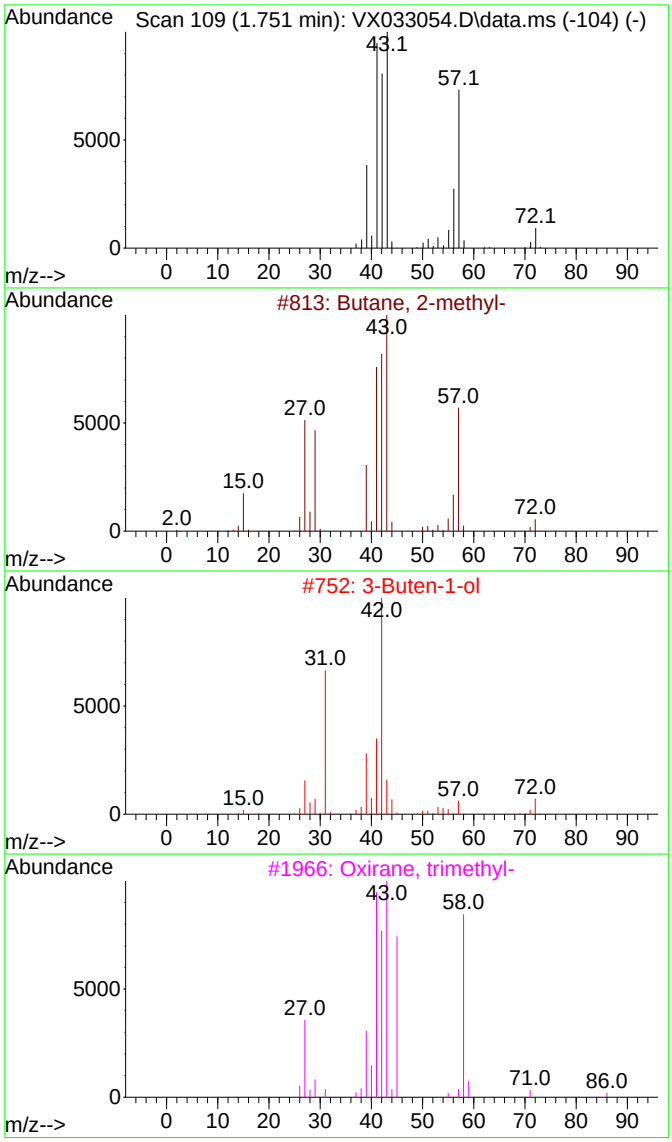
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

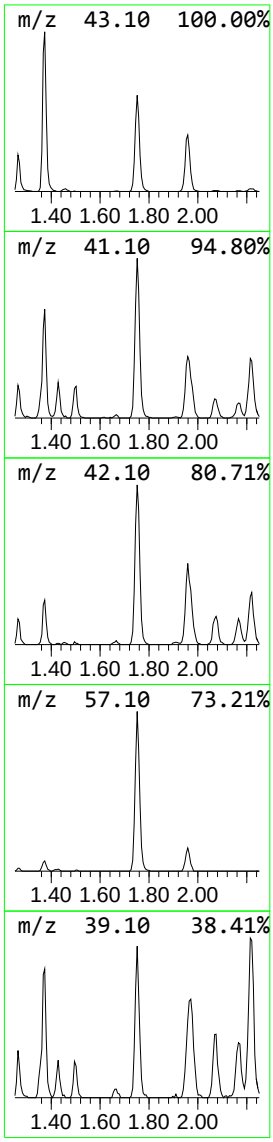
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.751 | 11.29 ug/l | 88465 | Pentafluorobenzene | 5.549 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 64 |
| 2 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 38 |
| 3 | Oxirane, trimethyl- | 86 | C5H10O | 005076-19-7 | 37 |
| 4 | 1-Butene | 56 | C4H8 | 000106-98-9 | 27 |
| 5 | 1-Propene, 2-methyl- | 56 | C4H8 | 000115-11-7 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

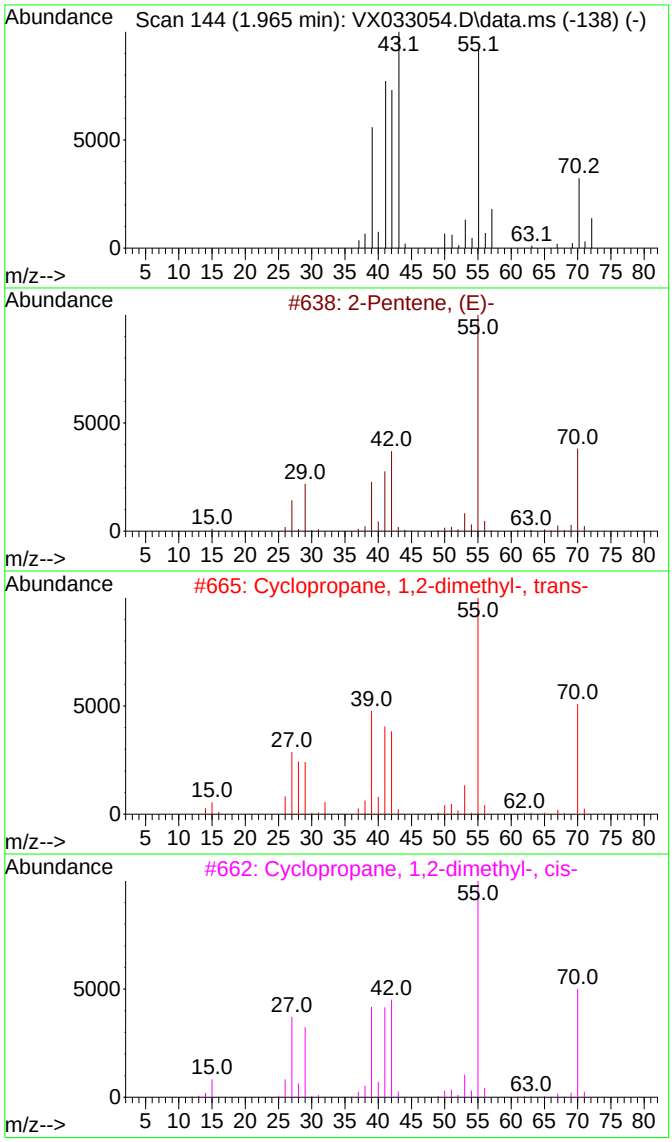
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

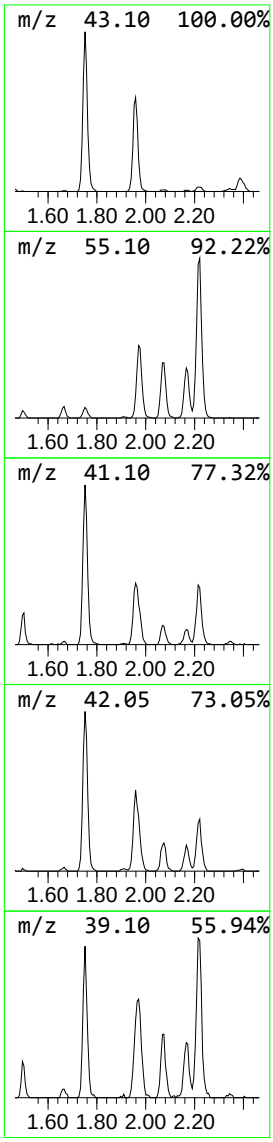
**********

Peak Number 2 2-Pentene, (E)- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.965 | 9.20 ug/l | 72129 | Pentafluorobenzene | 5.549 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 58 |
| 2 | Cyclopropane, 1,2-dimethyl-, trans- | 70 | C5H10 | 002402-06-4 | 53 |
| 3 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 52 |
| 4 | 1-Butanol, 3-methyl- | 88 | C5H12O | 000123-51-3 | 47 |
| 5 | 1-Butene, 3-methyl- | 70 | C5H10 | 000563-45-1 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

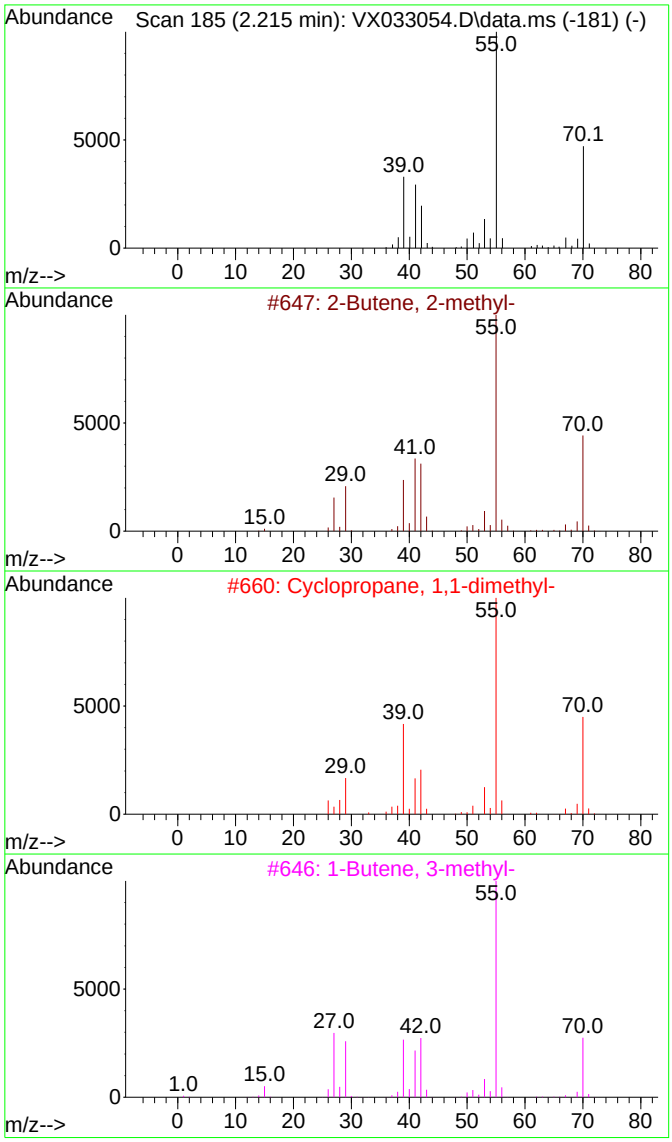
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

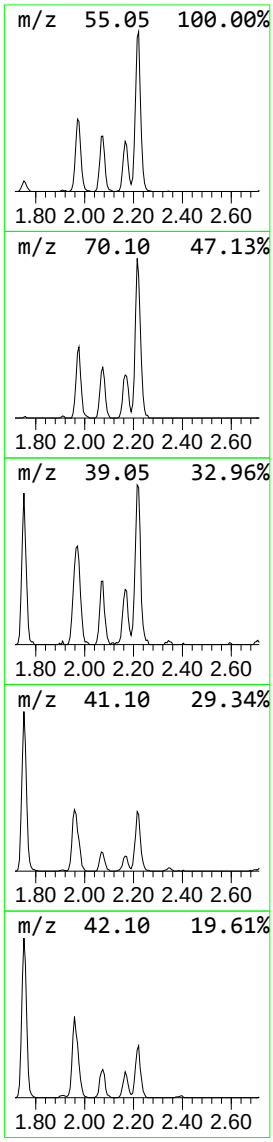
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.215 | 10.53 ug/l | 82507 | Pentafluorobenzene | 5.549 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 90 |
| 2 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 83 |
| 3 | 1-Butene, 3-methyl- | 70 | C5H10 | 000563-45-1 | 78 |
| 4 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 68 |
| 5 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

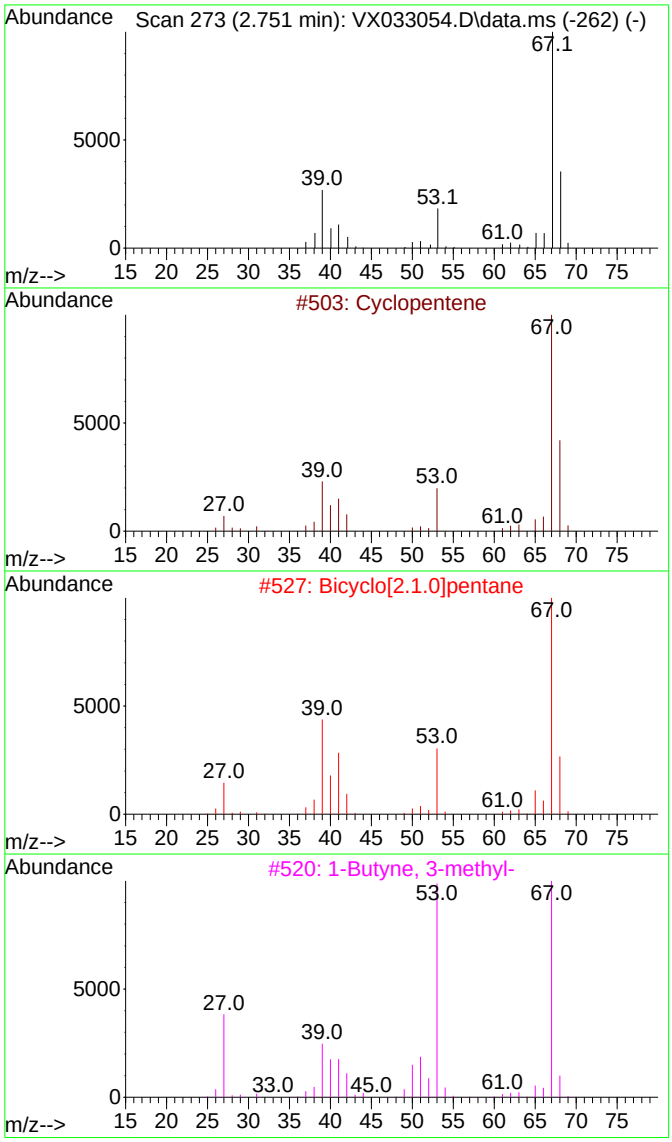
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

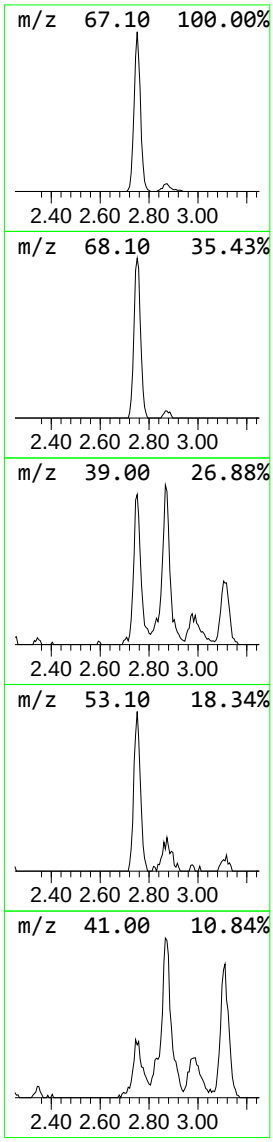
**********

Peak Number 4 Cyclopentene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.751 | 8.47 ug/l | 66378 | Pentafluorobenzene | 5.549 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene | 68 | C5H8 | 000142-29-0 | 91 |
| 2 | Bicyclo[2.1.0]pentane | 68 | C5H8 | 000185-94-4 | 78 |
| 3 | 1-Butyne, 3-methyl- | 68 | C5H8 | 000598-23-2 | 64 |
| 4 | 1,3-Pentadiene, (E)- | 68 | C5H8 | 002004-70-8 | 53 |
| 5 | 1,3-Pentadiene | 68 | C5H8 | 000504-60-9 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

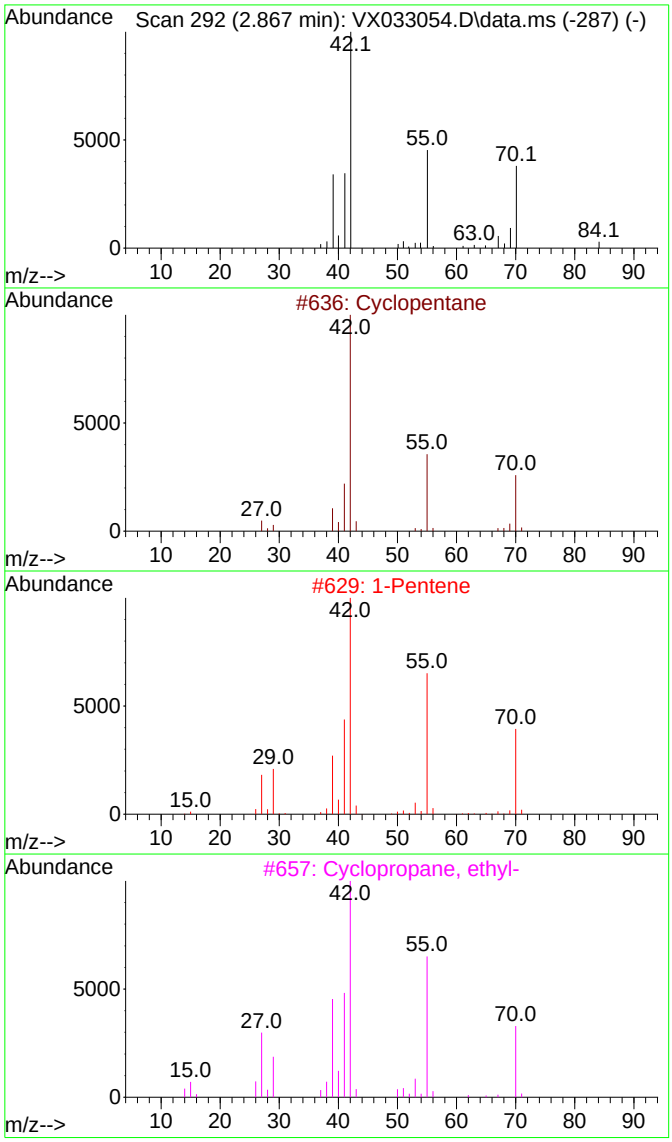
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

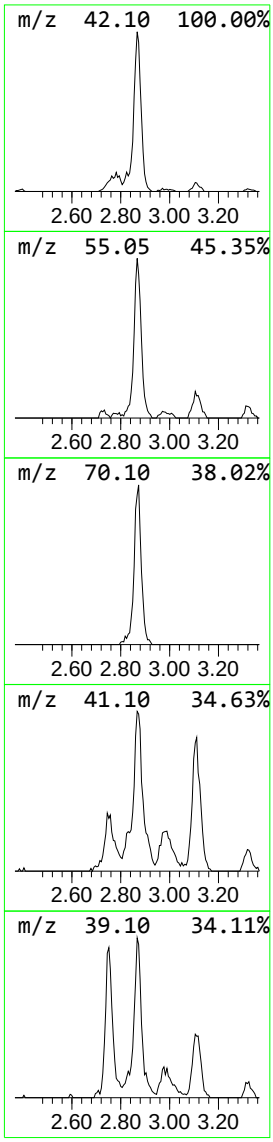
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Cyclopentane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.867 | 9.03 ug/l | 70808 | Pentafluorobenzene | 5.549 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 78 |
| 2 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 64 |
| 3 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 39 |
| 4 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 9 |
| 5 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

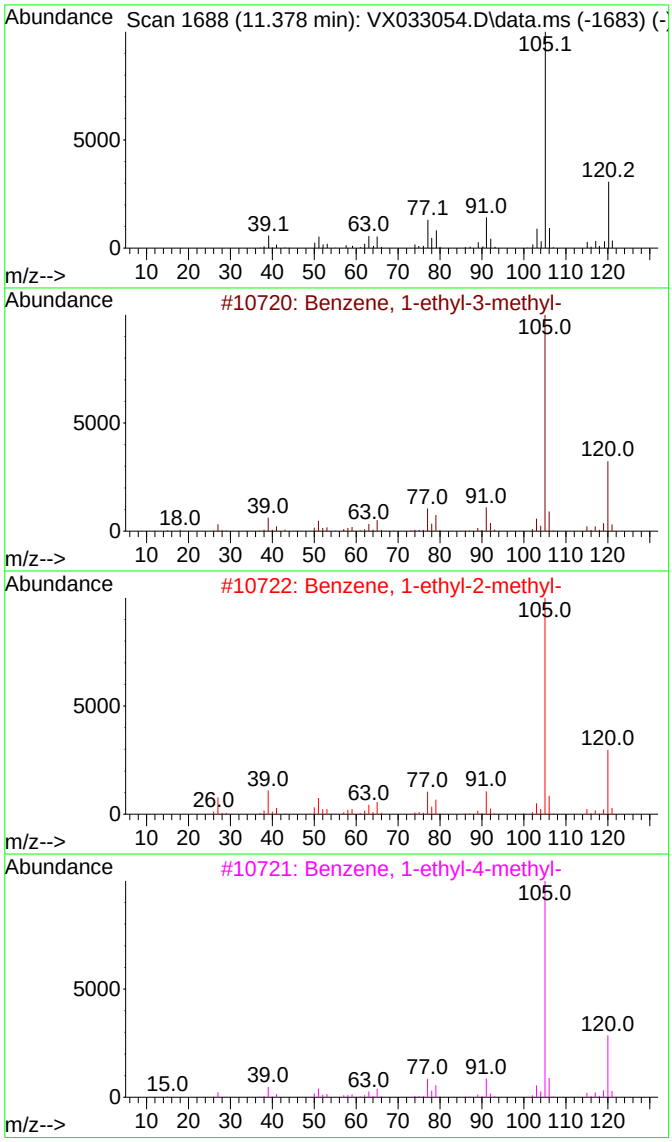
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

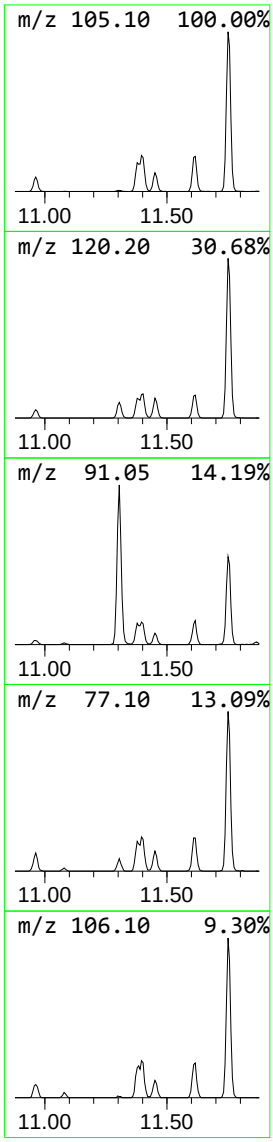
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.378 | 8.94 ug/l | 101357 | 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 | 95 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

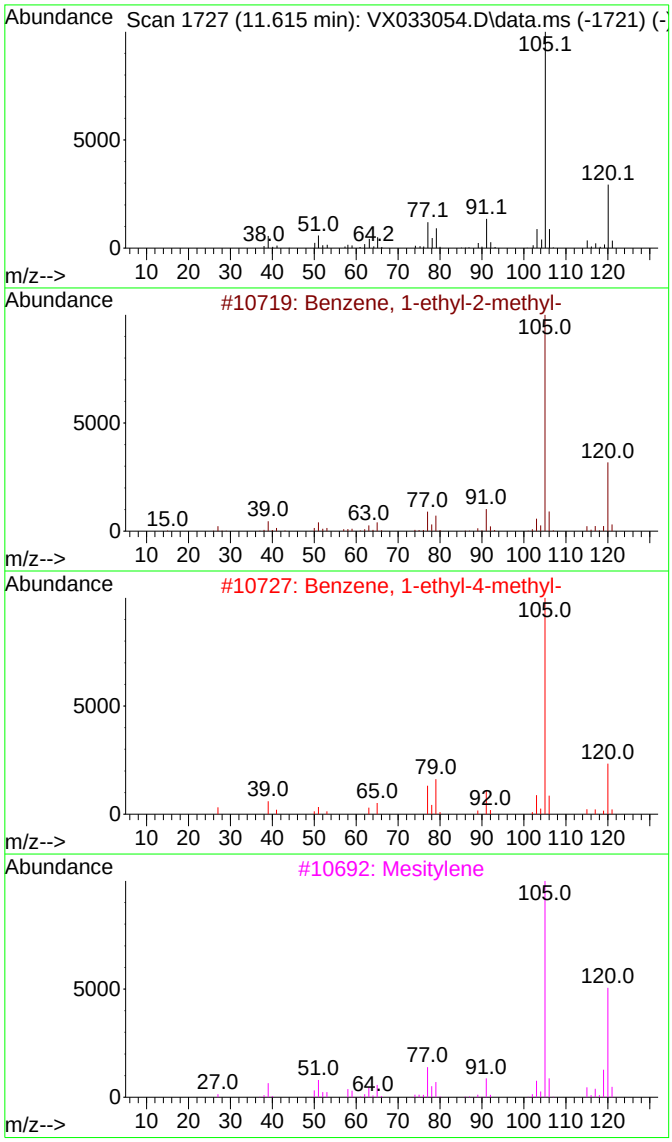
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

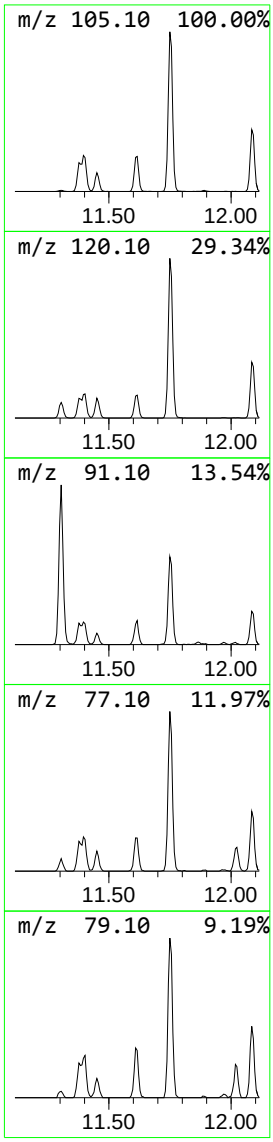
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.615 | 9.82 ug/l | 111358 | 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-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

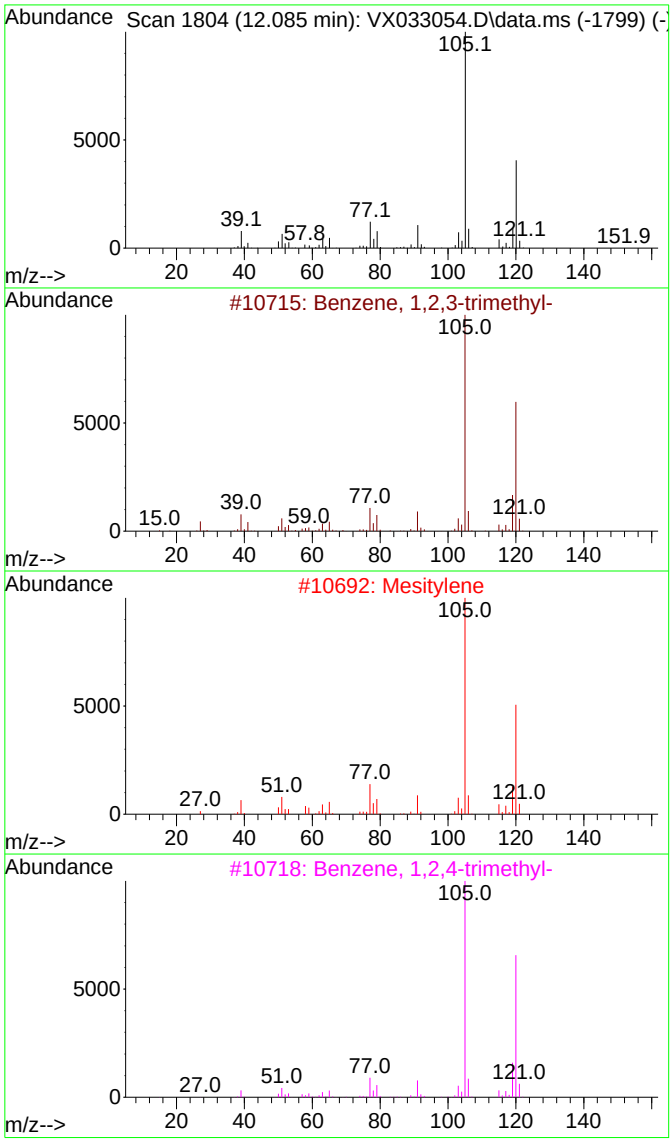
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

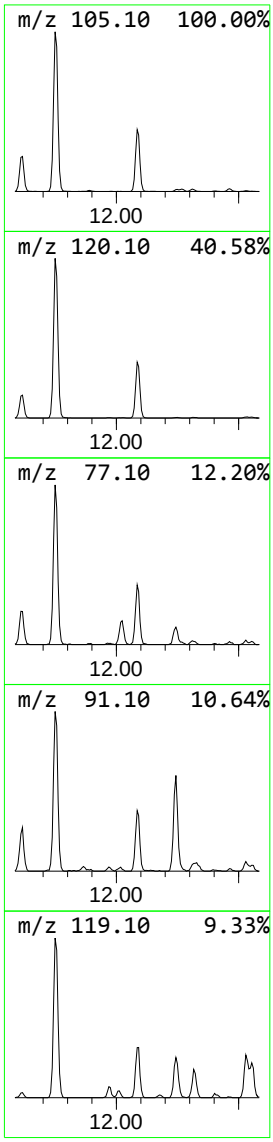
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.085 | 17.81 ug/l | 202057 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 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\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

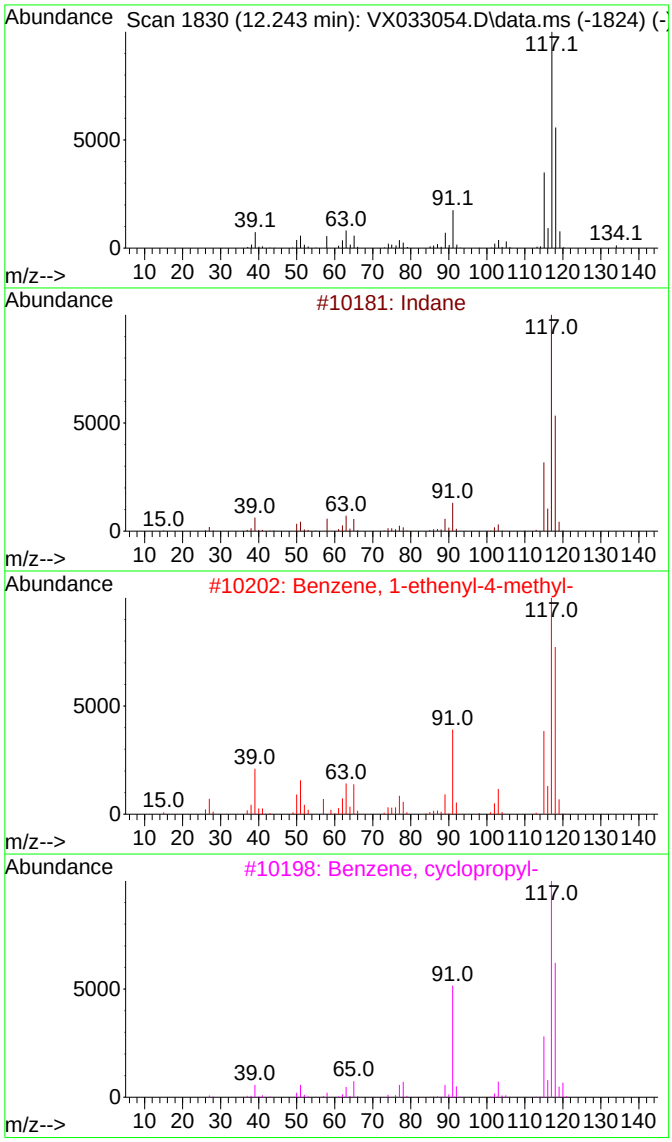
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

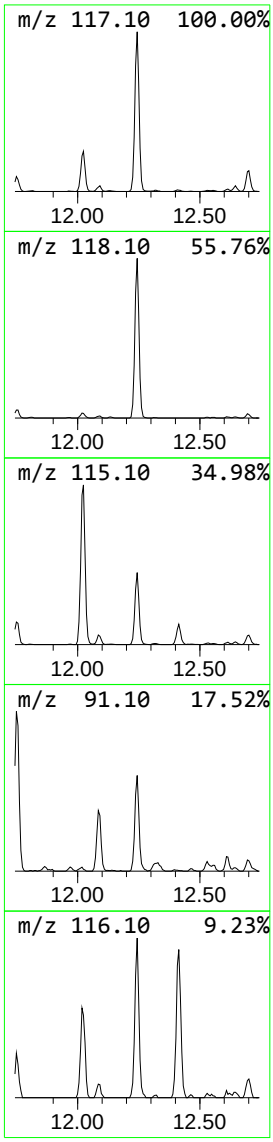
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.243 | 20.22 ug/l | 229293 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 83 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 74 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 72 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

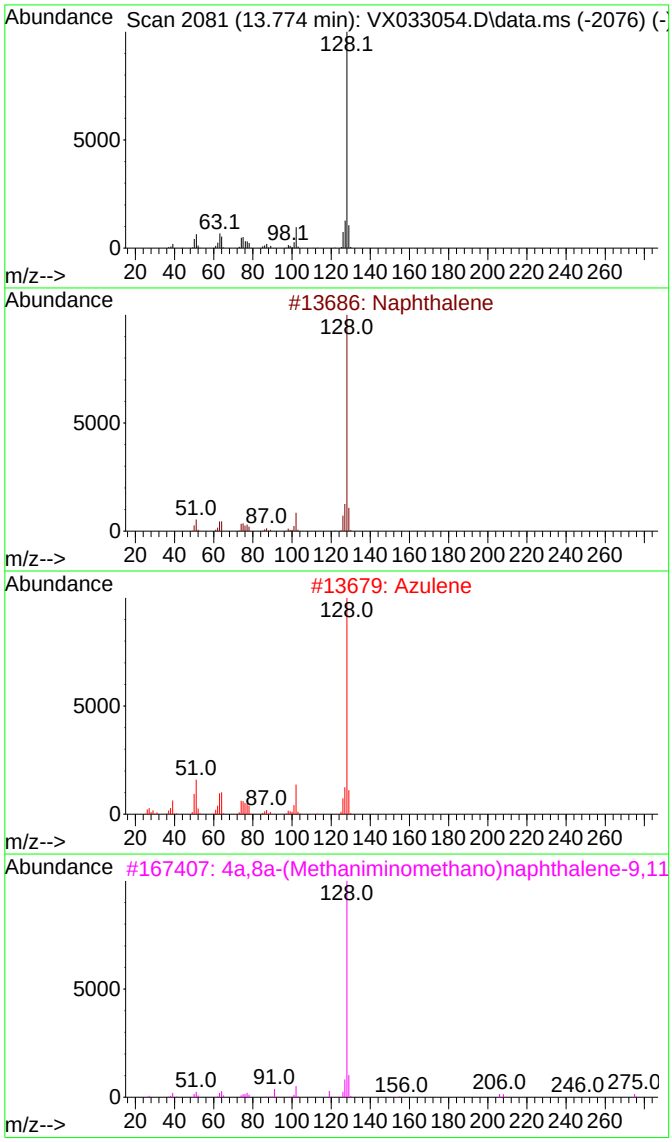
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

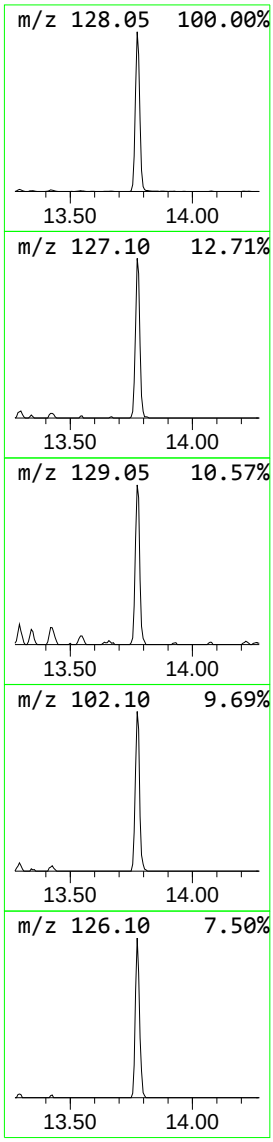
**********

Peak Number 10 Azulene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.774 | 15.19 ug/l | 172292 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 2 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |
| 3 | 4a,8a-(Methaniminomethano)naphth... | 275 | C18H13NO2 | 069915-10-2 | 78 |
| 4 | 1H-Indene, 1-methylene- | 128 | C10H8 | 002471-84-3 | 52 |
| 5 | [4.2.2]Propella-2,4,7,9-tetraene | 128 | C10H8 | 088090-34-0 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033054.D
Acq On : 24 Nov 2022 11:02
Operator : JC/MD
Sample : N5747-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.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 | 11.3 | ug/l | 88465 | 1 | 5.549 | 391959 | 50.0 |
| 2-Pentene, (E)- | 1.965 | 9.2 | ug/l | 72129 | 1 | 5.549 | 391959 | 50.0 |
| 2-Butene, 2-met... | 2.215 | 10.5 | ug/l | 82507 | 1 | 5.549 | 391959 | 50.0 |
| Cyclopentene | 2.751 | 8.5 | ug/l | 66378 | 1 | 5.549 | 391959 | 50.0 |
| Cyclopentane | 2.867 | 9.0 | ug/l | 70808 | 1 | 5.549 | 391959 | 50.0 |
| Benzene, 1-ethy... | 11.378 | 8.9 | ug/l | 101357 | 4 | 12.024 | 567100 | 50.0 |
| Benzene, 1-ethy... | 11.615 | 9.8 | ug/l | 111358 | 4 | 12.024 | 567100 | 50.0 |
| Benzene, 1,2,3-... | 12.085 | 17.8 | ug/l | 202057 | 4 | 12.024 | 567100 | 50.0 |
| Indane | 12.243 | 20.2 | ug/l | 229293 | 4 | 12.024 | 567100 | 50.0 |
| Azulene | 13.774 | 15.2 | ug/l | 172292 | 4 | 12.024 | 567100 | 50.0 |