LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\Method\SFAMVTR112322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV029353.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.105 | 14 | 20 | 38 | rVB | 3845361 | 3595668 | 85.46% | 13.547% |
| 2 | 1.214 | 49 | 54 | 70 | rVB2 | 119161 | 132672 | 3.15% | 0.500% |
| 3 | 1.304 | 76 | 82 | 102 | rVB | 155250 | 167332 | 3.98% | 0.630% |
| 4 | 1.565 | 156 | 163 | 173 | rVB | 106988 | 118287 | 2.81% | 0.446% |
| 5 | 2.105 | 320 | 331 | 346 | rBV2 | 230964 | 360029 | 8.56% | 1.356% |
| 6 | 2.503 | 445 | 455 | 469 | rBV2 | 28742 | 47946 | 1.14% | 0.181% |
| 7 | 3.185 | 650 | 667 | 685 | rBV | 77007 | 164308 | 3.91% | 0.619% |
| 8 | 3.902 | 871 | 890 | 921 | rBV4 | 322943 | 958175 | 22.77% | 3.610% |
| 9 | 4.343 | 1009 | 1027 | 1050 | rBV | 147174 | 369995 | 8.79% | 1.394% |
| 10 | 5.044 | 1227 | 1245 | 1254 | rBV2 | 362164 | 890520 | 21.17% | 3.355% |
| 11 | 5.095 | 1255 | 1261 | 1289 | rVB | 208670 | 452158 | 10.75% | 1.704% |
| 12 | 5.613 | 1407 | 1422 | 1468 | rBV | 330639 | 692628 | 16.46% | 2.610% |
| 13 | 5.912 | 1501 | 1515 | 1543 | rBV | 150602 | 311333 | 7.40% | 1.173% |
| 14 | 6.063 | 1548 | 1562 | 1595 | rVV | 200842 | 424237 | 10.08% | 1.598% |
| 15 | 6.979 | 1836 | 1847 | 1875 | rBV | 104036 | 199936 | 4.75% | 0.753% |
| 16 | 7.310 | 1938 | 1950 | 1965 | rBV | 468635 | 826006 | 19.63% | 3.112% |
| 17 | 7.384 | 1966 | 1973 | 1987 | rVB | 31413 | 59802 | 1.42% | 0.225% |
| 18 | 7.616 | 2035 | 2045 | 2064 | rBV | 61543 | 108071 | 2.57% | 0.407% |
| 19 | 8.085 | 2178 | 2191 | 2222 | rBV2 | 375811 | 776907 | 18.47% | 2.927% |
| 20 | 8.844 | 2415 | 2427 | 2453 | rBV | 476984 | 792676 | 18.84% | 2.986% |
| 21 | 9.133 | 2506 | 2517 | 2535 | rBV | 74176 | 120969 | 2.88% | 0.456% |
| 22 | 9.535 | 2631 | 2642 | 2663 | rVB | 258550 | 409741 | 9.74% | 1.544% |
| 23 | 9.921 | 2750 | 2762 | 2782 | rBV | 187777 | 296795 | 7.05% | 1.118% |
| 24 | 10.207 | 2835 | 2851 | 2864 | rBV | 141393 | 224830 | 5.34% | 0.847% |
| 25 | 10.728 | 3001 | 3013 | 3030 | rBV | 109881 | 170891 | 4.06% | 0.644% |
| 26 | 10.905 | 3055 | 3068 | 3084 | rVB | 51769 | 85675 | 2.04% | 0.323% |
| 27 | 11.239 | 3159 | 3172 | 3189 | rBV | 550876 | 861018 | 20.46% | 3.244% |
| 28 | 11.323 | 3189 | 3198 | 3212 | rVB | 183864 | 280931 | 6.68% | 1.058% |
| 29 | 11.516 | 3246 | 3258 | 3277 | rBV | 430123 | 666835 | 15.85% | 2.512% |
| 30 | 11.612 | 3277 | 3288 | 3308 | rVV | 479880 | 759184 | 18.04% | 2.860% |
| 31 | 11.735 | 3313 | 3326 | 3346 | rVV | 2755887 | 4207304 | 100.00% | 15.851% |
| 32 | 11.818 | 3347 | 3352 | 3368 | rVB | 27208 | 47585 | 1.13% | 0.179% |
| 33 | 12.005 | 3399 | 3410 | 3427 | rBV | 93095 | 148328 | 3.53% | 0.559% |
| 34 | 12.104 | 3427 | 3441 | 3459 | rBV | 531281 | 831063 | 19.75% | 3.131% |
| 35 | 12.349 | 3507 | 3517 | 3528 | rBV | 653569 | 954970 | 22.70% | 3.598% |
| 36 | 12.452 | 3538 | 3549 | 3559 | rBV | 1142822 | 2065759 | 49.10% | 7.783% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\Method\SFAMVTR112322WMA.M
Title : TRACE VOA SFAM1.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.529 | 3570 | 3573 | 3593 | rVB | 114918 | 158153 | 3.76% | 0.596% |
| 38 | 12.712 | 3622 | 3630 | 3648 | rVB | 47968 | 80136 | 1.90% | 0.302% |
| 39 | 12.870 | 3655 | 3679 | 3691 | rBV2 | 218226 | 359487 | 8.54% | 1.354% |
| 40 | 12.937 | 3691 | 3700 | 3711 | rVB2 | 32391 | 51215 | 1.22% | 0.193% |
| 41 | 13.034 | 3719 | 3730 | 3755 | rVB2 | 191179 | 303505 | 7.21% | 1.143% |
| 42 | 13.484 | 3859 | 3870 | 3880 | rBV3 | 76109 | 162277 | 3.86% | 0.611% |
| 43 | 13.612 | 3893 | 3910 | 3934 | rBV | 936689 | 1634769 | 38.86% | 6.159% |
| 44 | 14.278 | 4107 | 4117 | 4127 | rBV2 | 36837 | 58125 | 1.38% | 0.219% |
| 45 | 14.564 | 4196 | 4206 | 4215 | rBV | 31482 | 53571 | 1.27% | 0.202% |
| 46 | 14.805 | 4270 | 4281 | 4295 | rBV3 | 25235 | 45093 | 1.07% | 0.170% |
| 47 | 15.760 | 4570 | 4578 | 4592 | rBV2 | 34842 | 55223 | 1.31% | 0.208% |

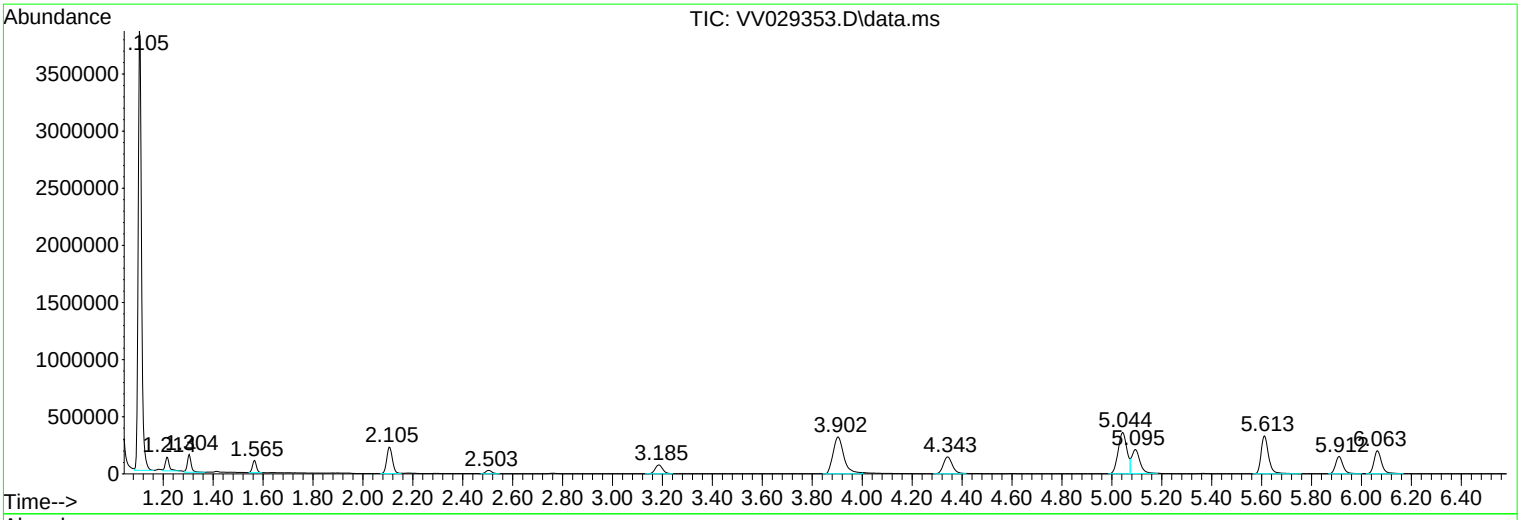
Sum of corrected areas: 26542118

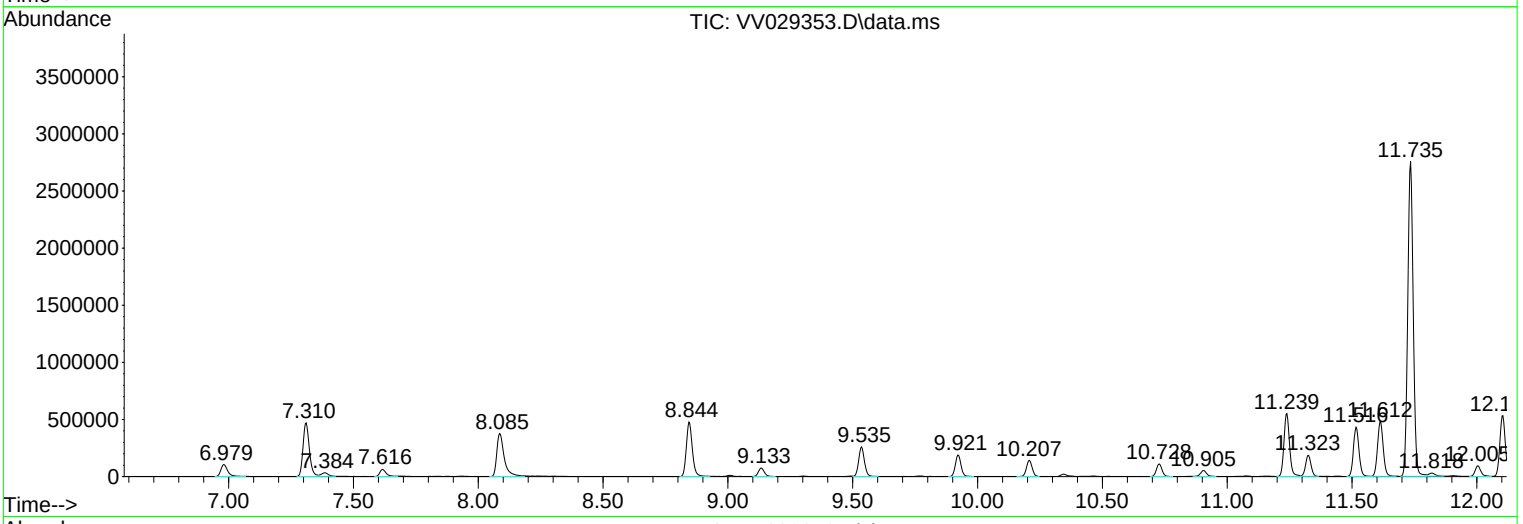
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

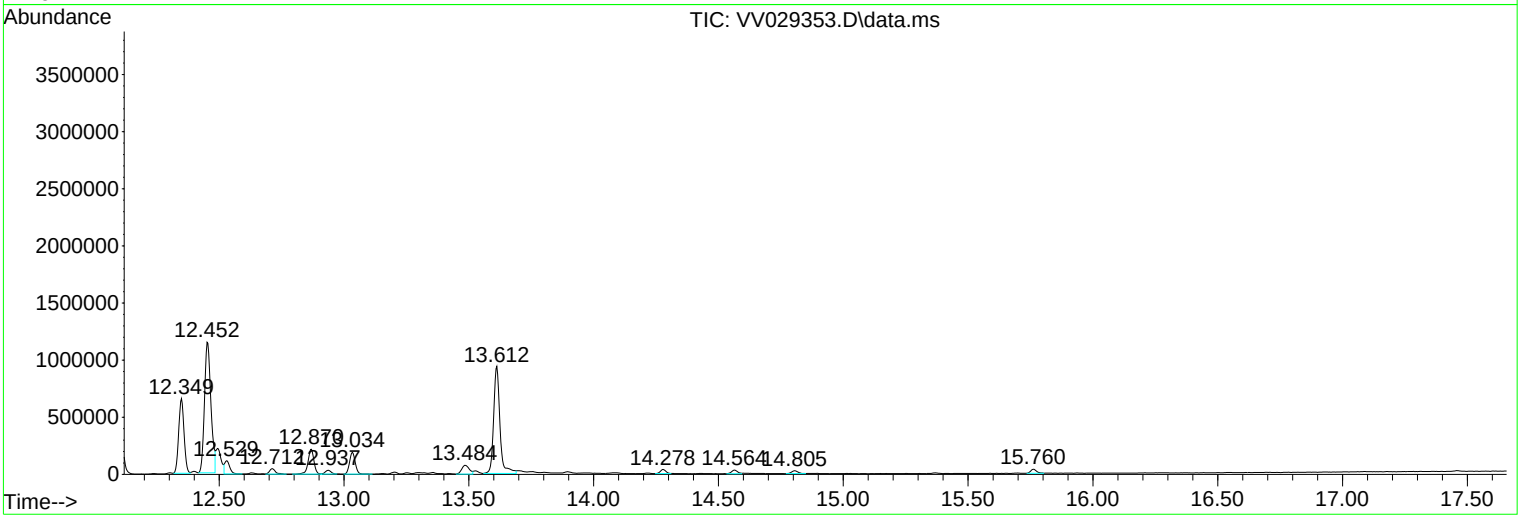
**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

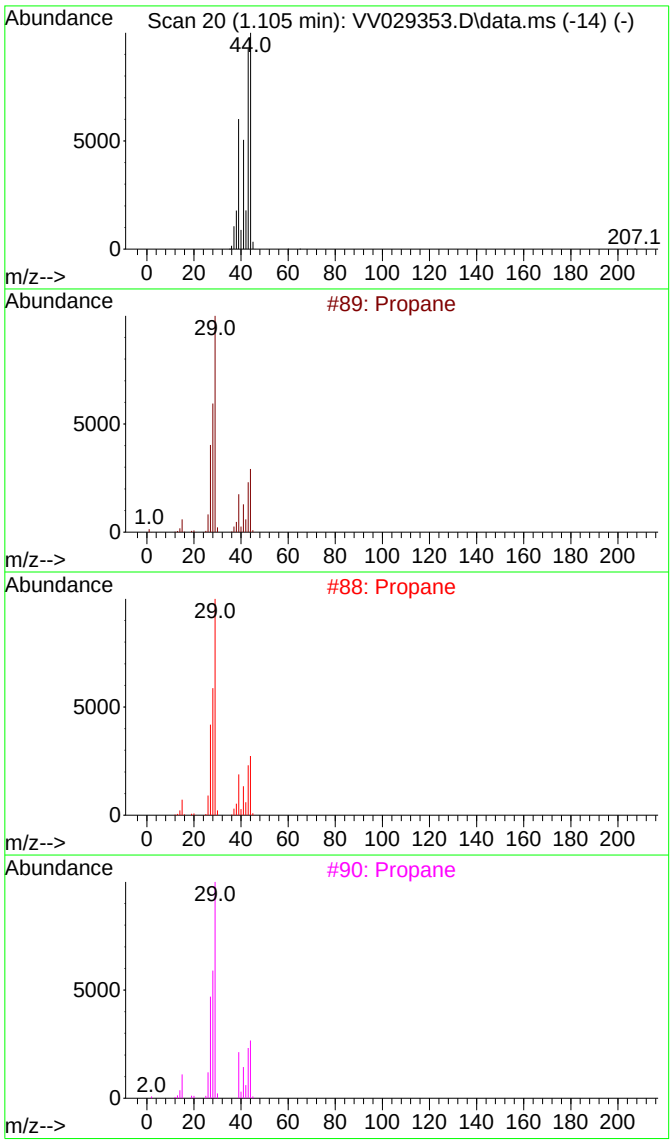
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

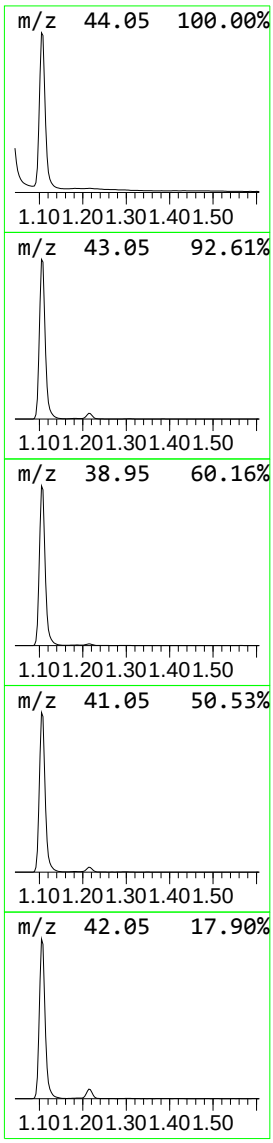
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.105 | 25.96 ug/L | 3595670 | 1,4-Difluorobenzene | 5.613 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane | 44 | C3H8 | 000074-98-6 | 83 |
| 2 | Propane | 44 | C3H8 | 000074-98-6 | 78 |
| 3 | Propane | 44 | C3H8 | 000074-98-6 | 9 |
| 4 | Propene | 42 | C3H6 | 000115-07-1 | 9 |
| 5 | Ethylene oxide | 44 | C2H4O | 000075-21-8 | 5 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

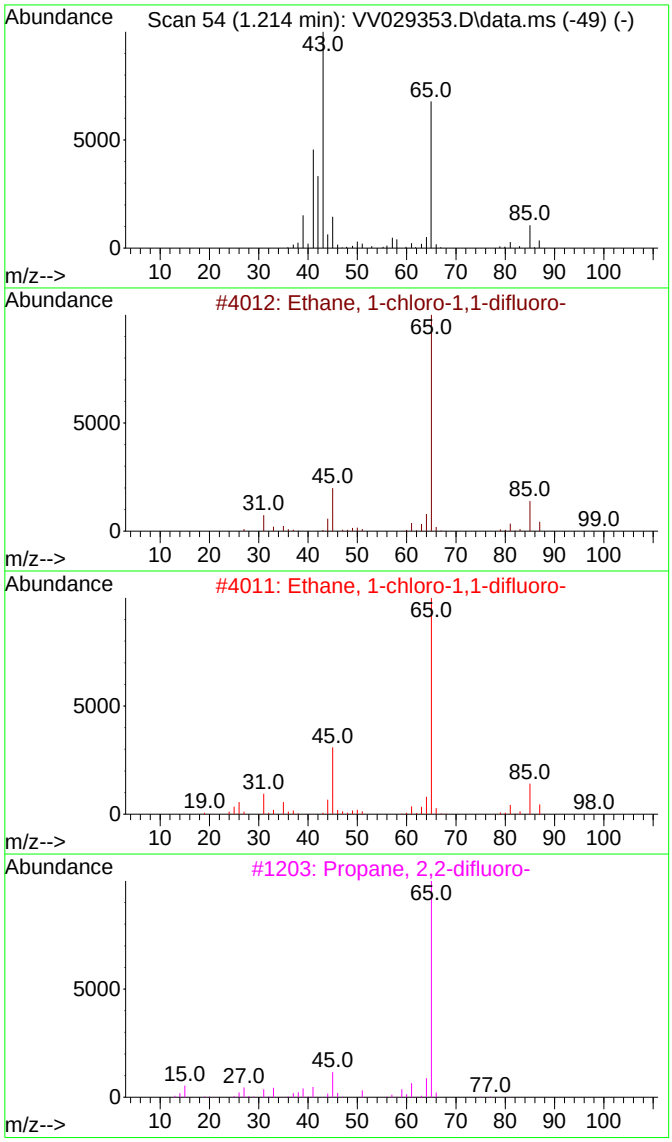
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

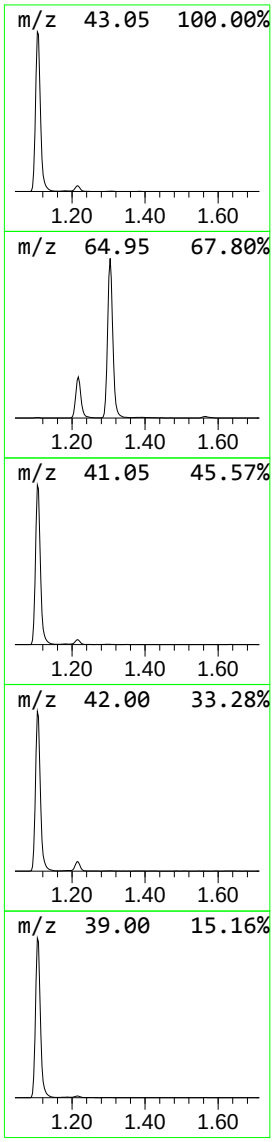
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.214 | 0.96 ug/L | 132672 | 1,4-Difluorobenzene | 5.613 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, 1-chloro-1,1-difluoro- | 100 | C2H3ClF2 | 000075-68-3 | 64 |
| 2 | Ethane, 1-chloro-1,1-difluoro- | 100 | C2H3ClF2 | 000075-68-3 | 64 |
| 3 | Propane, 2,2-difluoro- | 80 | C3H6F2 | 000420-45-1 | 38 |
| 4 | Propane, 2,2-difluoro- | 80 | C3H6F2 | 000420-45-1 | 9 |
| 5 | 5-Methyloxazolidine | 87 | C4H9NO | 058328-22-6 | 7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

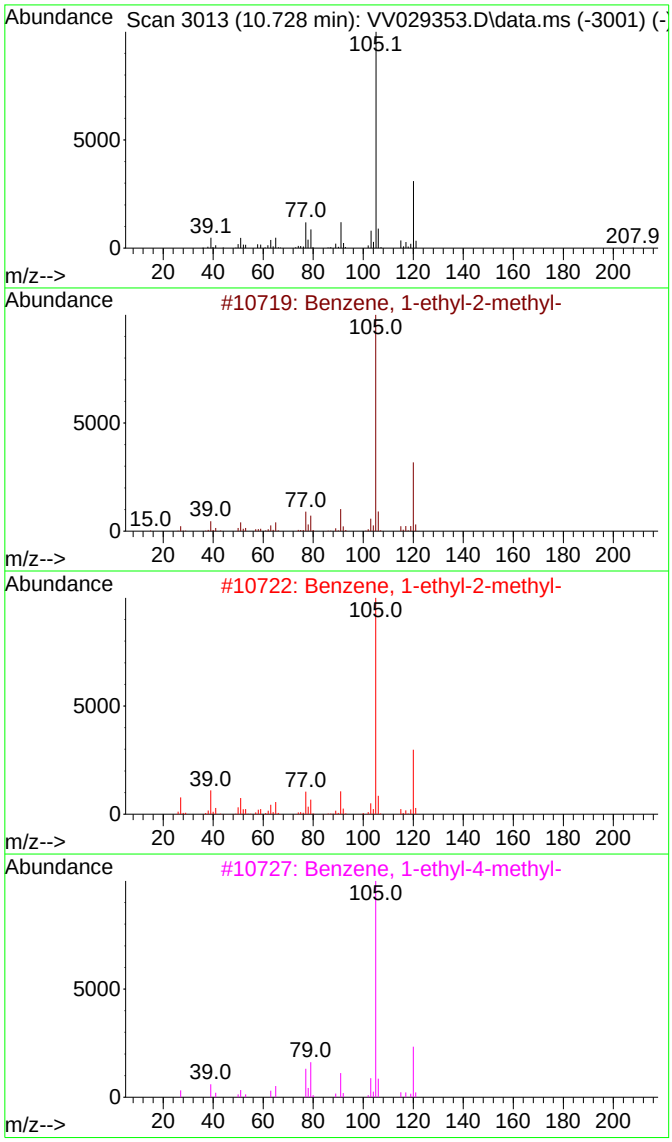
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

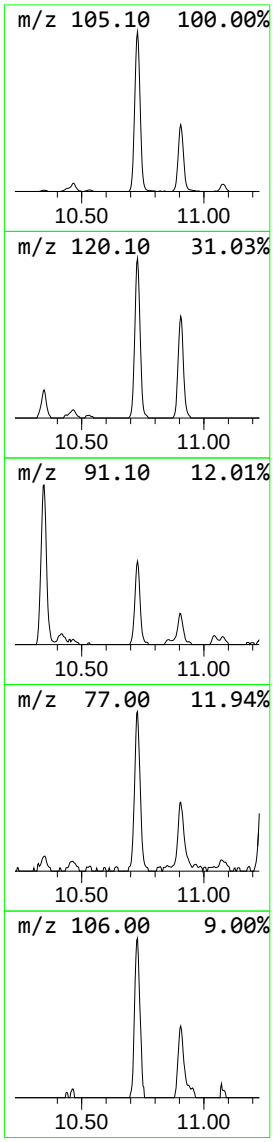
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.728 | 0.99 ug/L | 170891 | 1,4-Dichlorobenzene-d4 | 11.240 |

| 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-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

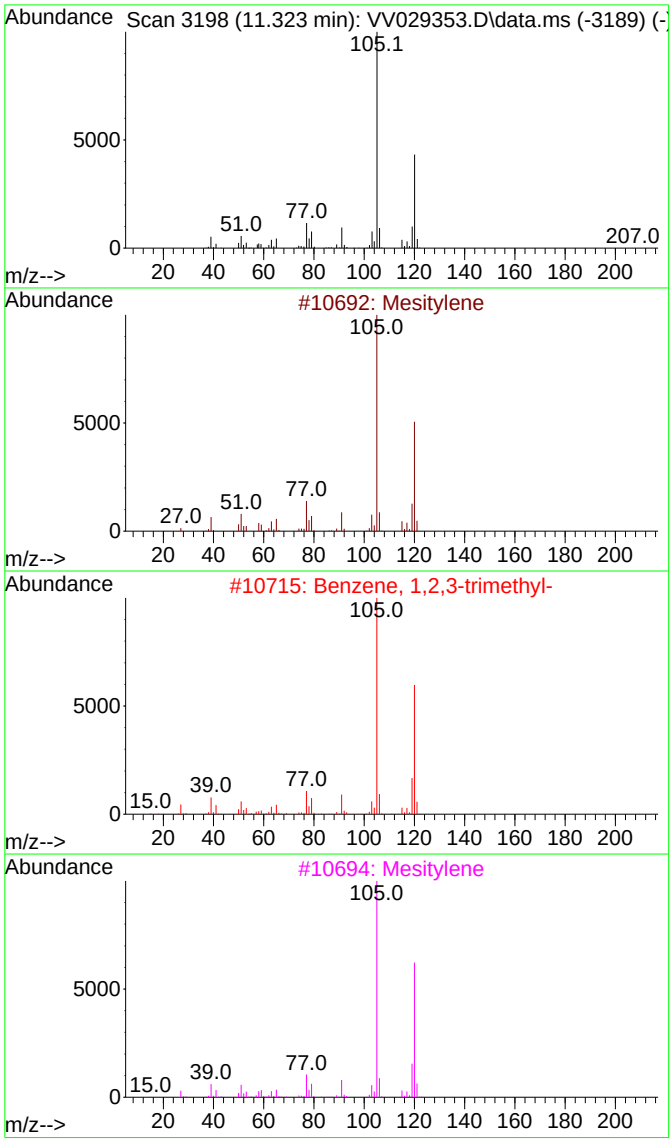
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

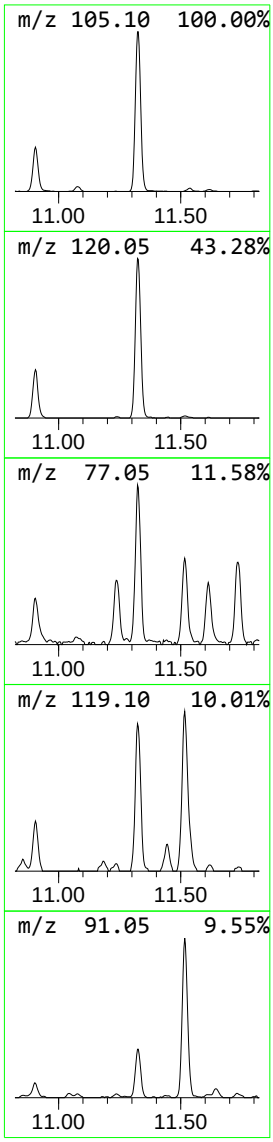
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.323 | 1.63 ug/L | 280931 | 1,4-Dichlorobenzene-d4 | 11.240 |

| 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 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

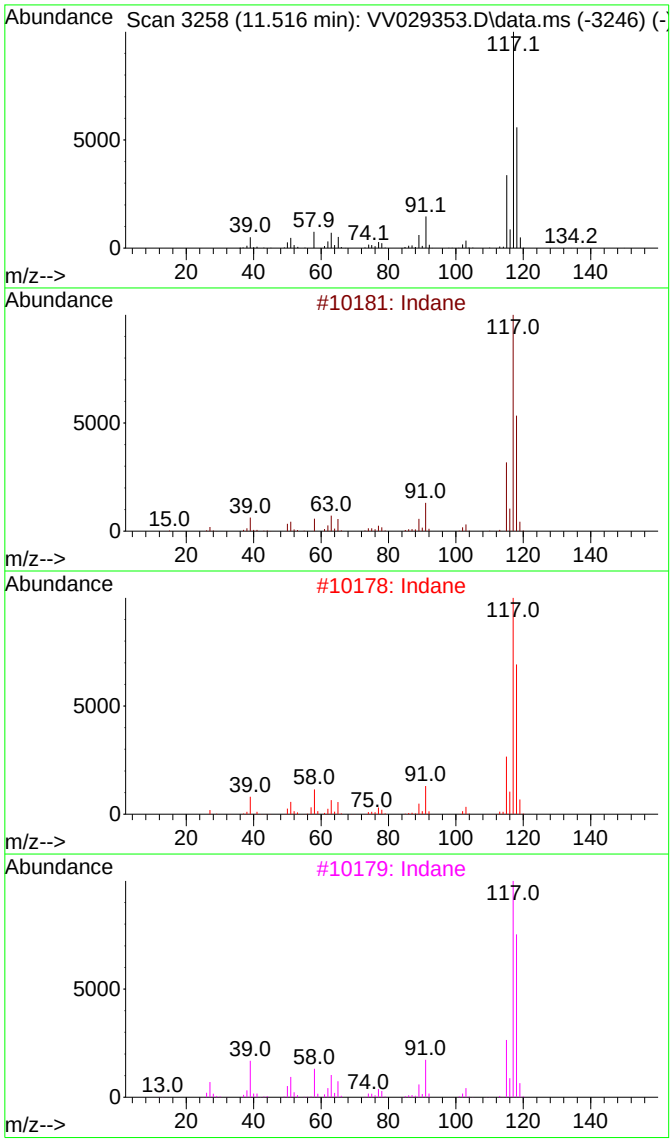
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

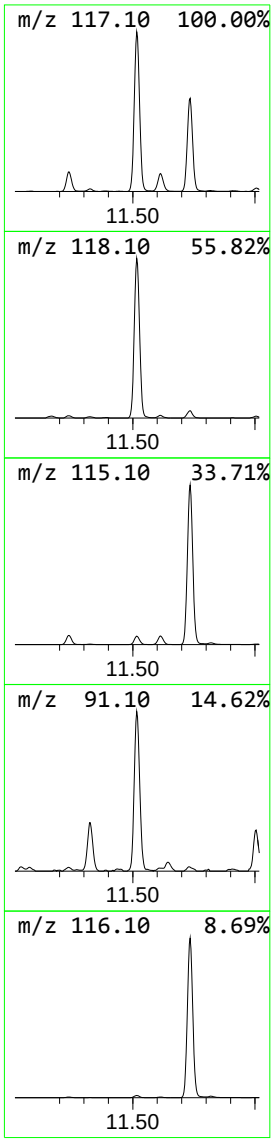
**********

Peak Number 6 Indane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.516 | 3.87 ug/L | 666835 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 83 |
| 5 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

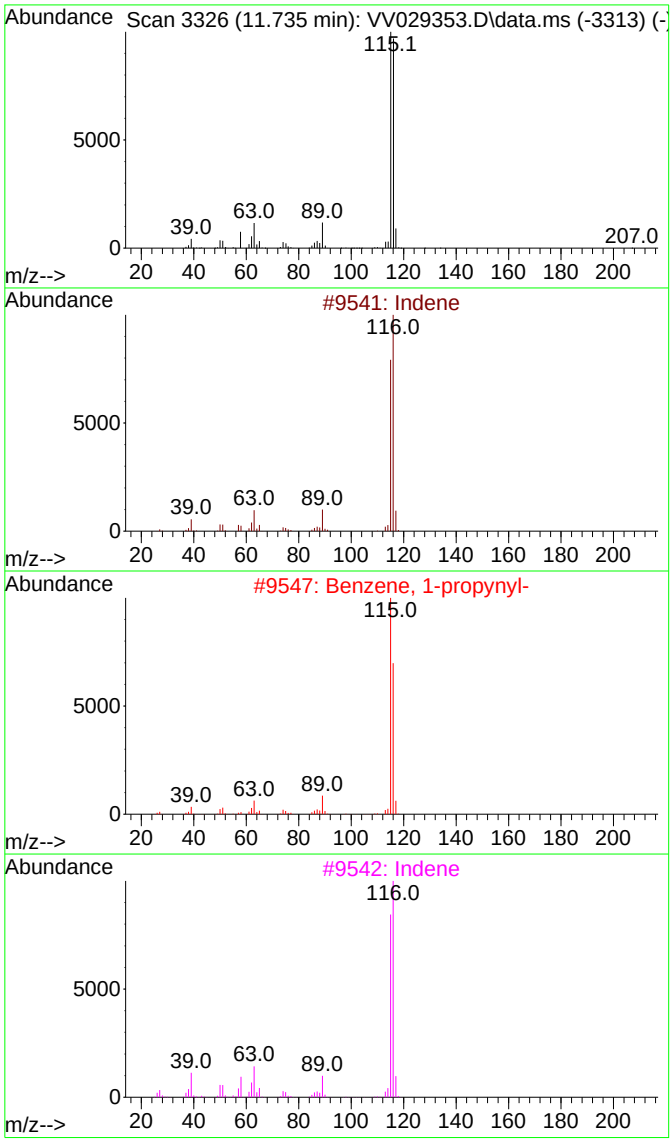
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

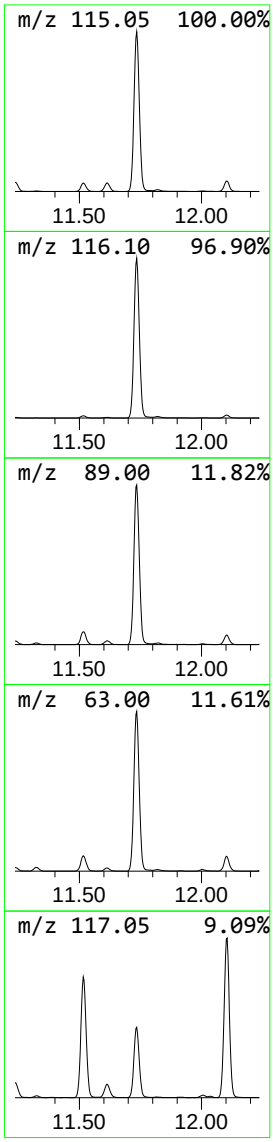
**********

Peak Number 7 Indene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.735 | 24.43 ug/L | 4207300 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 97 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 3 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 4 | Indene | 116 | C9H8 | 000095-13-6 | 93 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

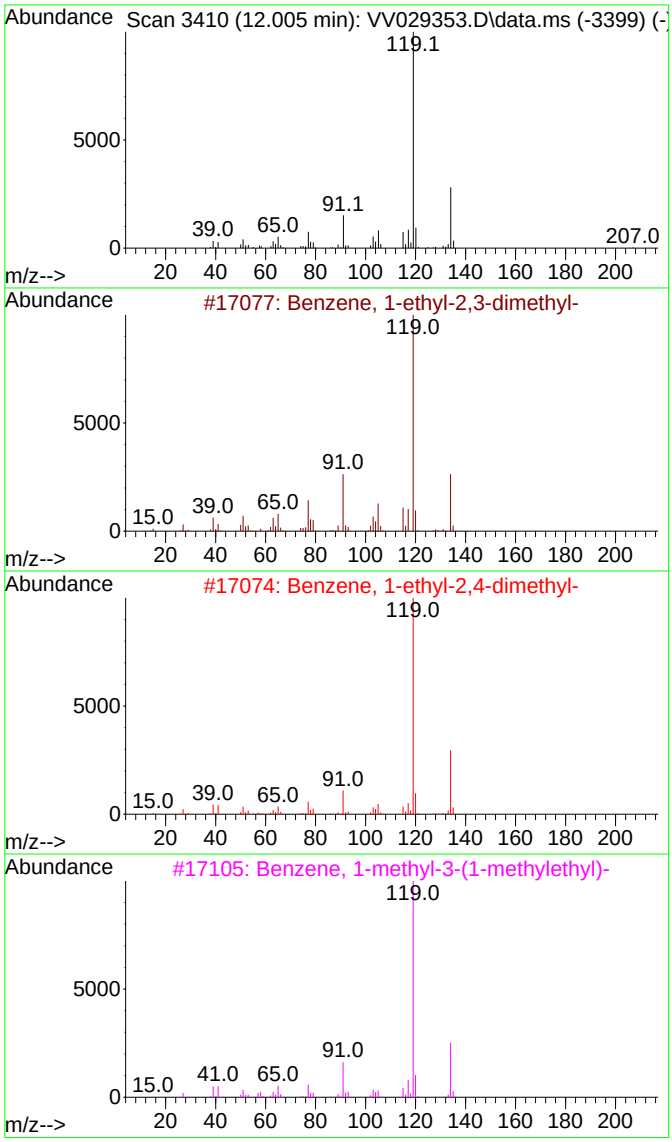
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

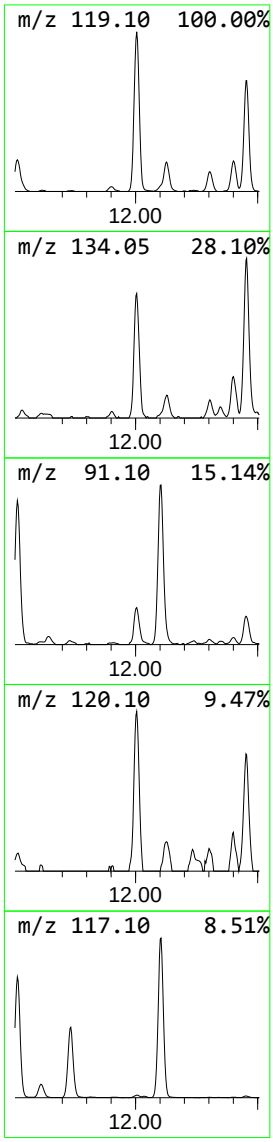
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.005 | 0.86 ug/L | 148328 | 1,4-Dichlorobenzene-d4 | 11.240 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

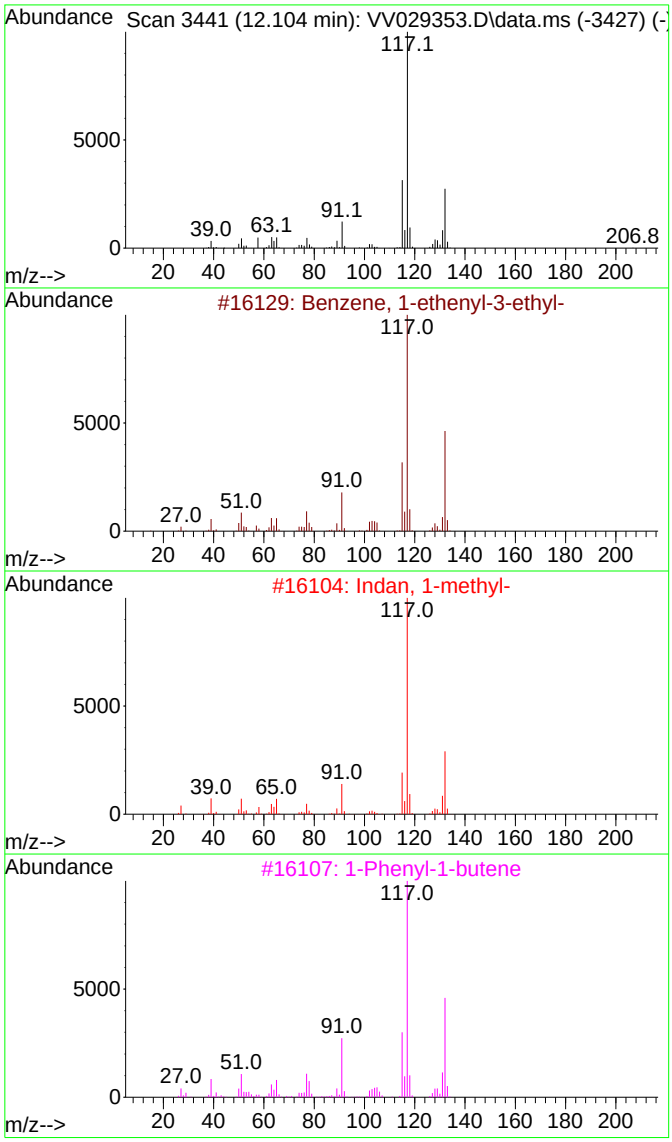
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

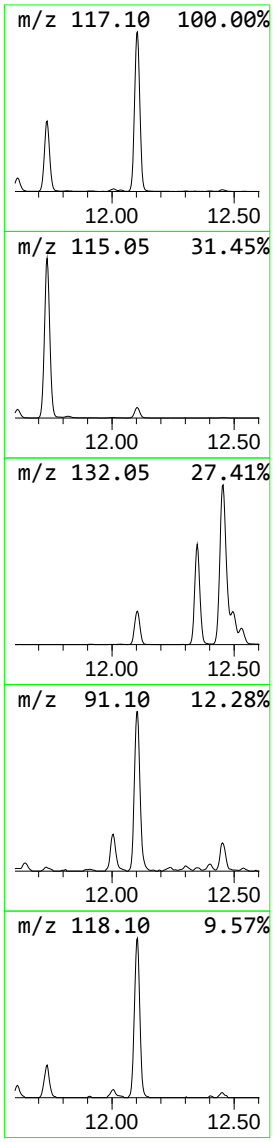
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.104 | 4.83 ug/L | 831063 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |
| 4 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

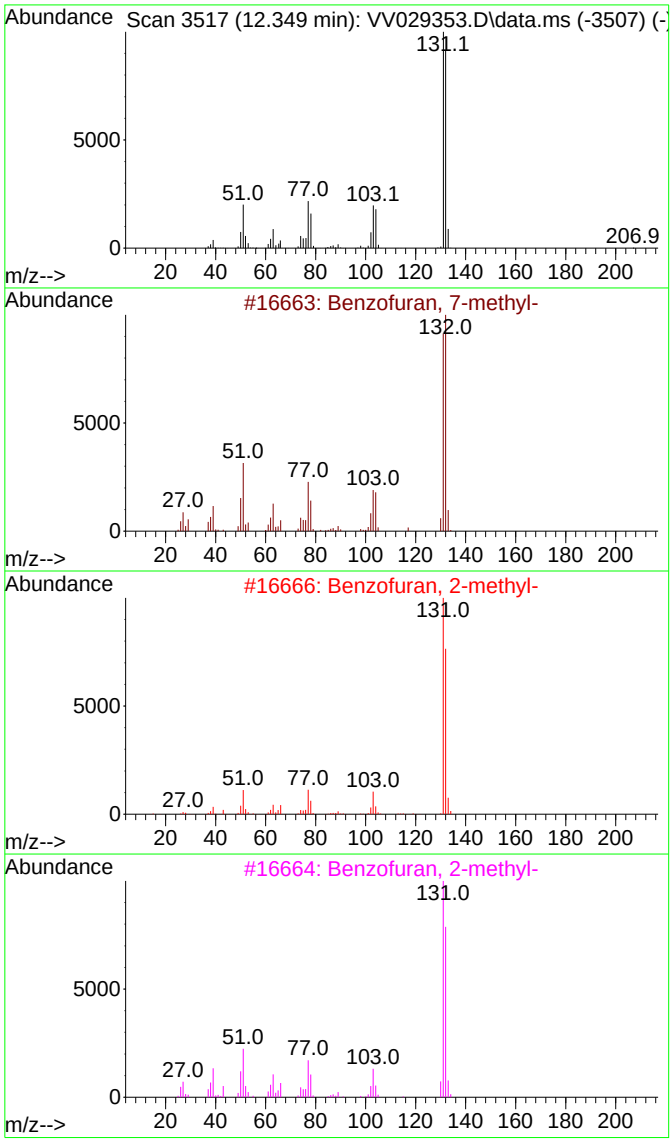
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

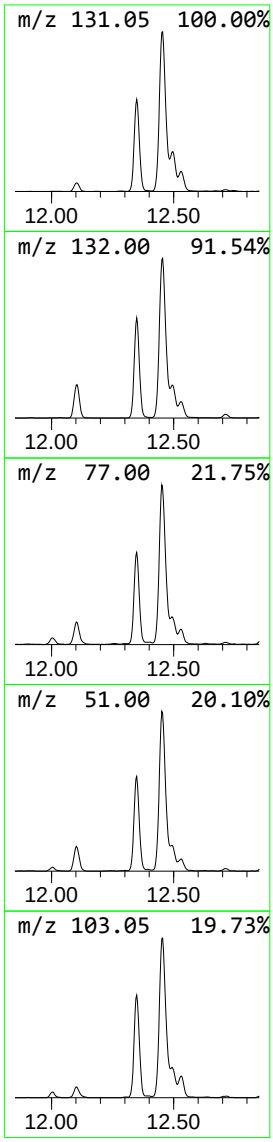
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.349 | 5.55 ug/L | 954970 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 94 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 4 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 91 |
| 5 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

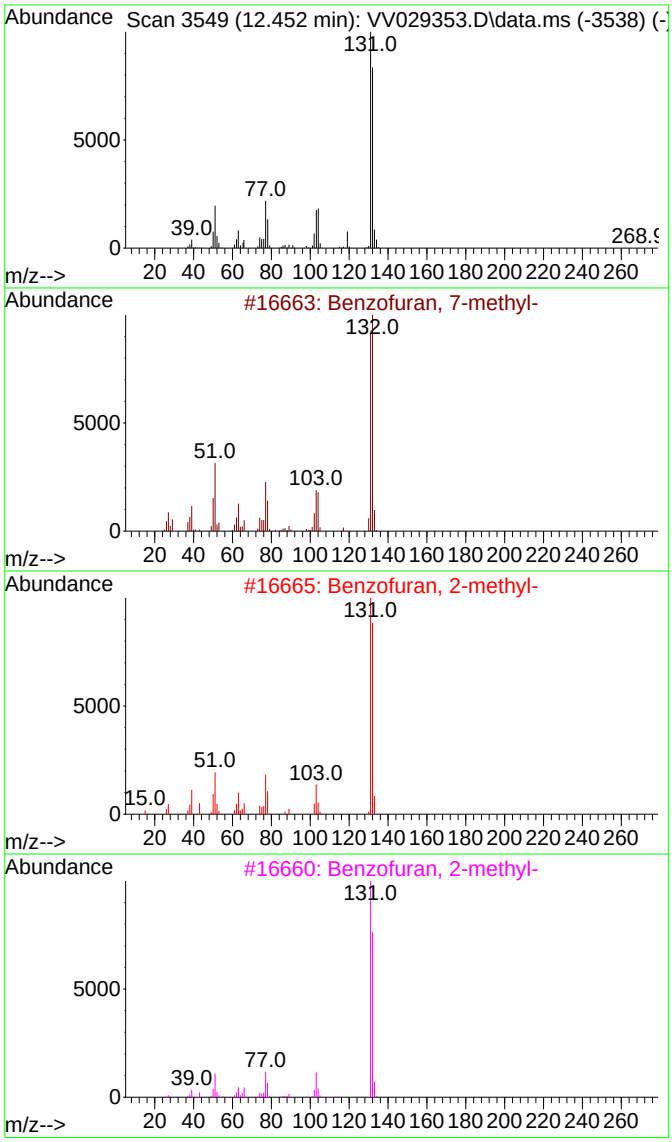
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

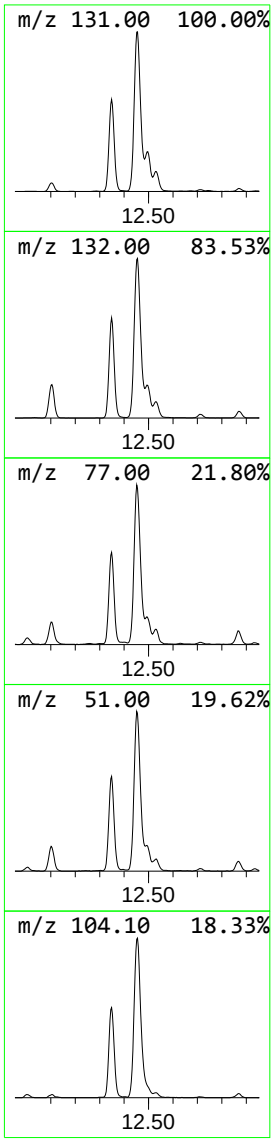
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzofuran, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.452 | 12.00 ug/L | 2065760 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 94 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 93 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 93 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 5 | 2-Propenal, 3-phenyl- | 132 | C9H8O | 000104-55-2 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

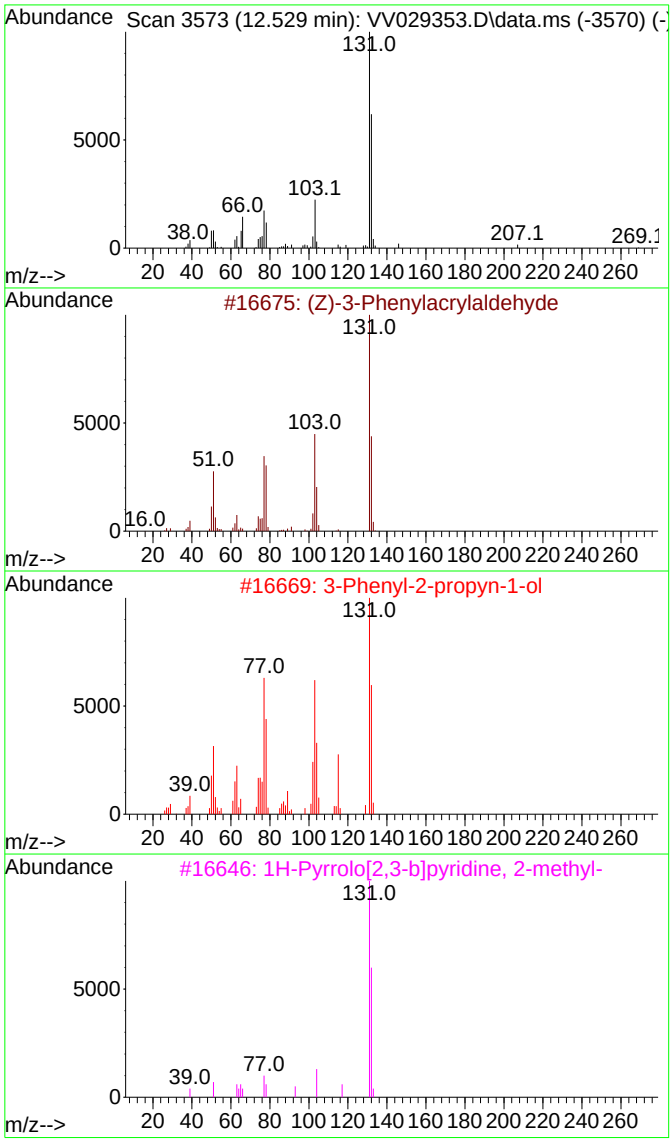
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

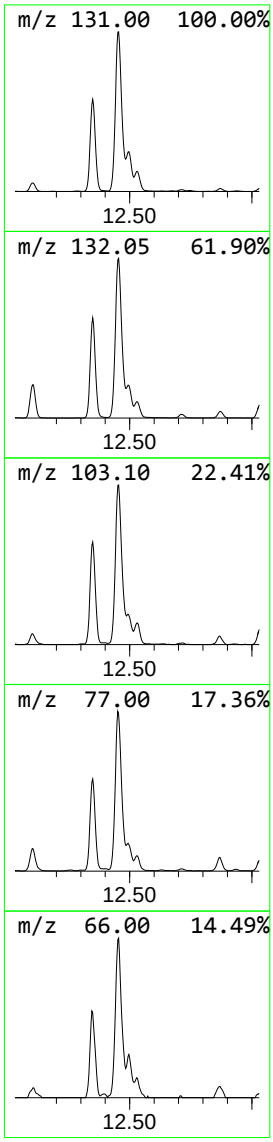
**********

Peak Number 12 (Z)-3-Phenylacrylaldehyde Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.529 | 0.92 ug/L | 158153 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Z)-3-Phenylacrylaldehyde | 132 | C9H8O | 057194-69-1 | 87 |
| 2 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 72 |
| 3 | 1H-Pyrrolo[2,3-b]pyridine, 2-met... | 132 | C8H8N2 | 023612-48-8 | 64 |
| 4 | 4-Aminobenzyl cyanide | 132 | C8H8N2 | 003544-25-0 | 64 |
| 5 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

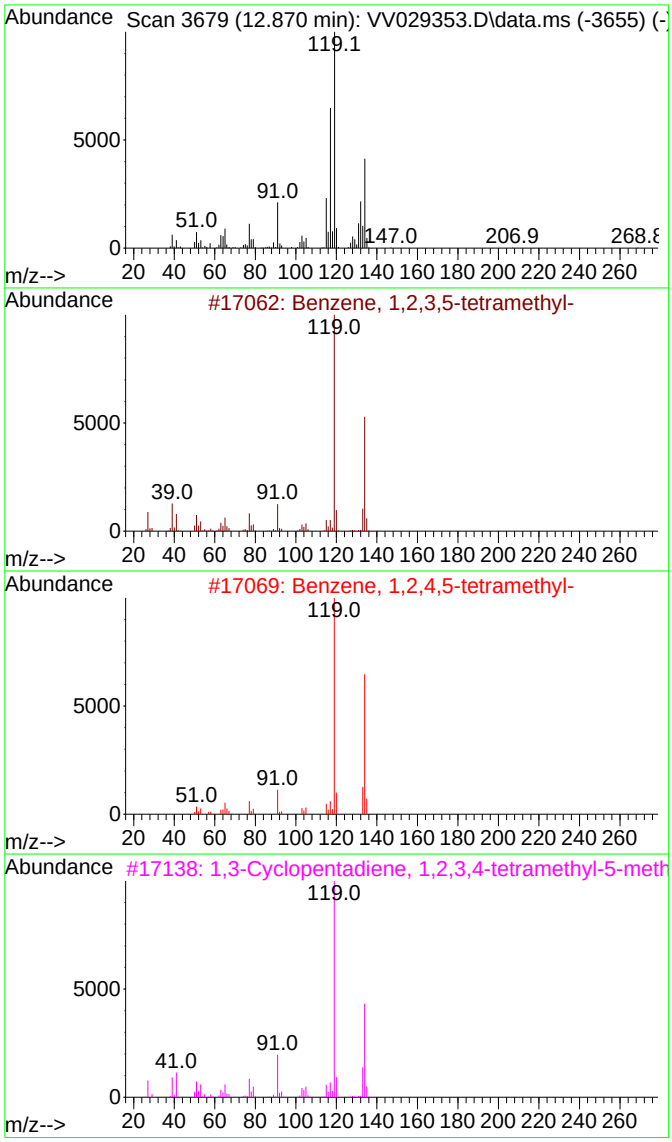
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

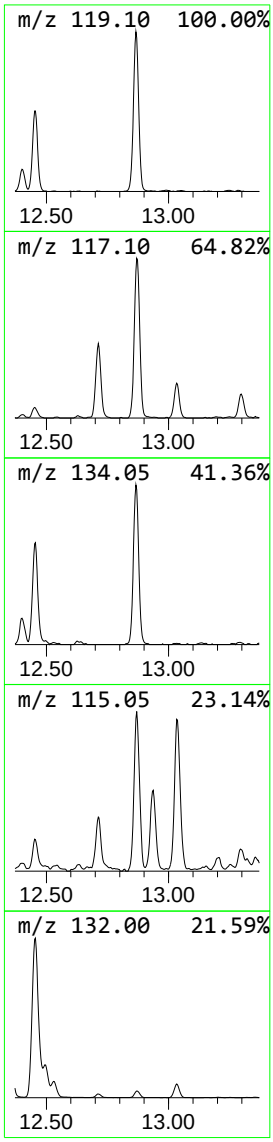
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.870 | 2.09 ug/L | 359487 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 64 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 64 |
| 3 | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14 | 076089-59-3 | 64 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 64 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

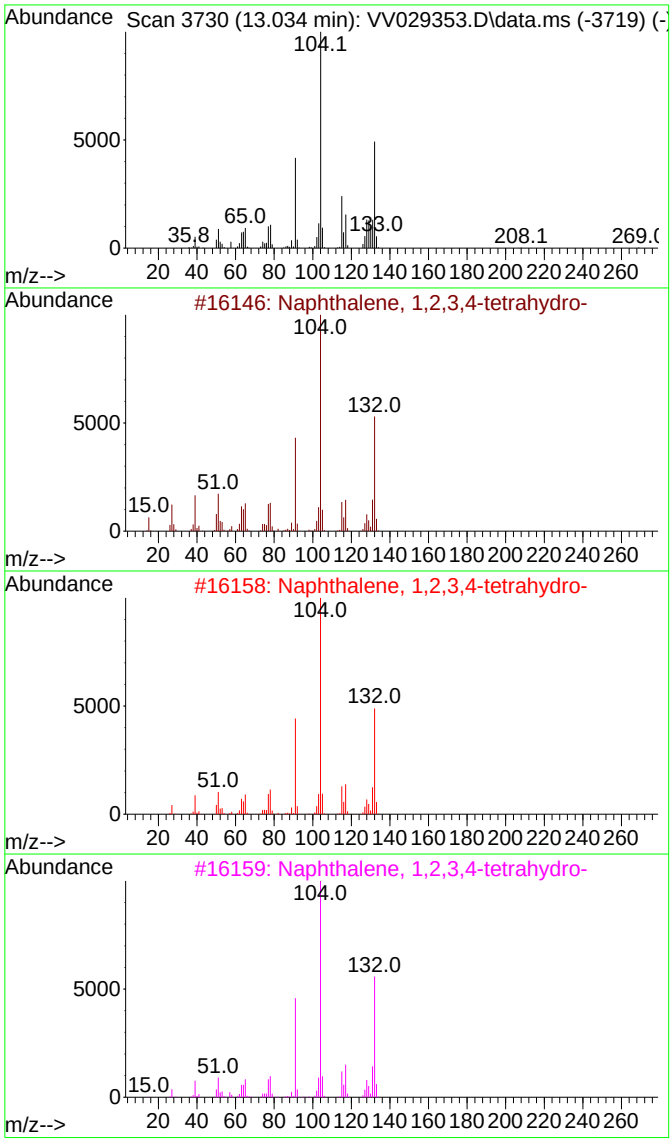
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

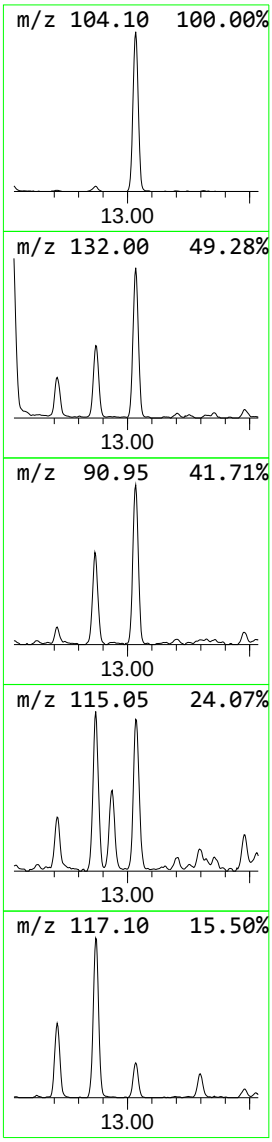
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.034 | 1.76 ug/L | 303505 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

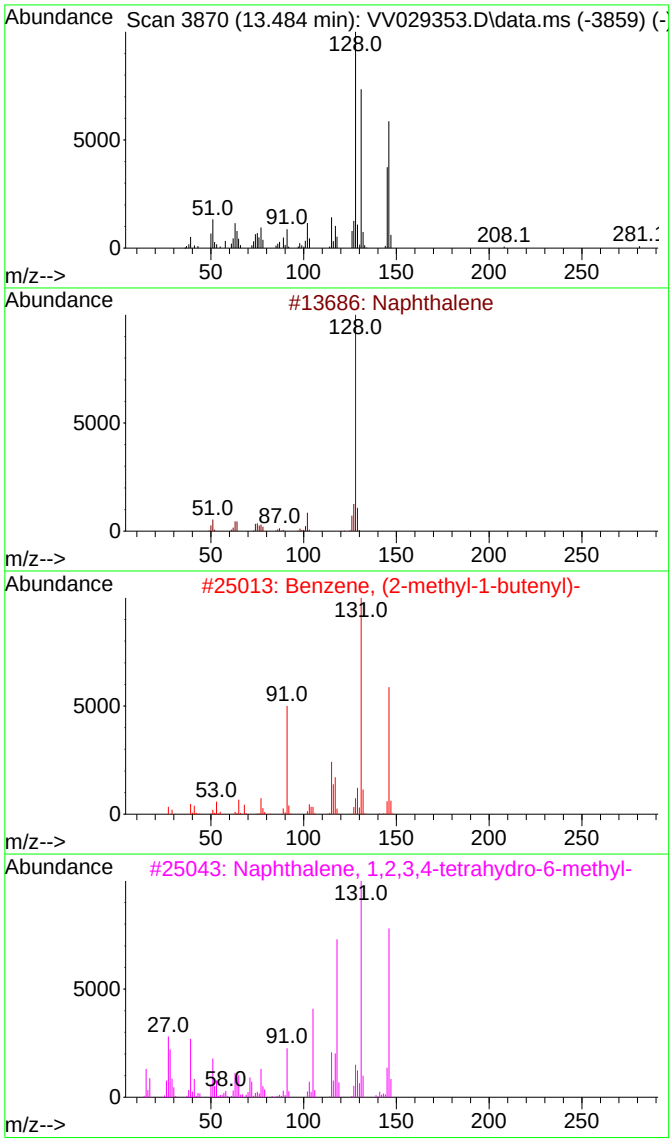
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

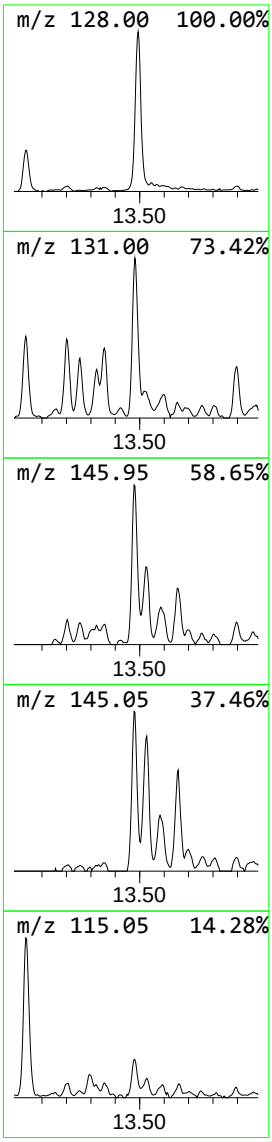
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.484 | 0.94 ug/L | 162277 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 84 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 60 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 60 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 60 |
| 5 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

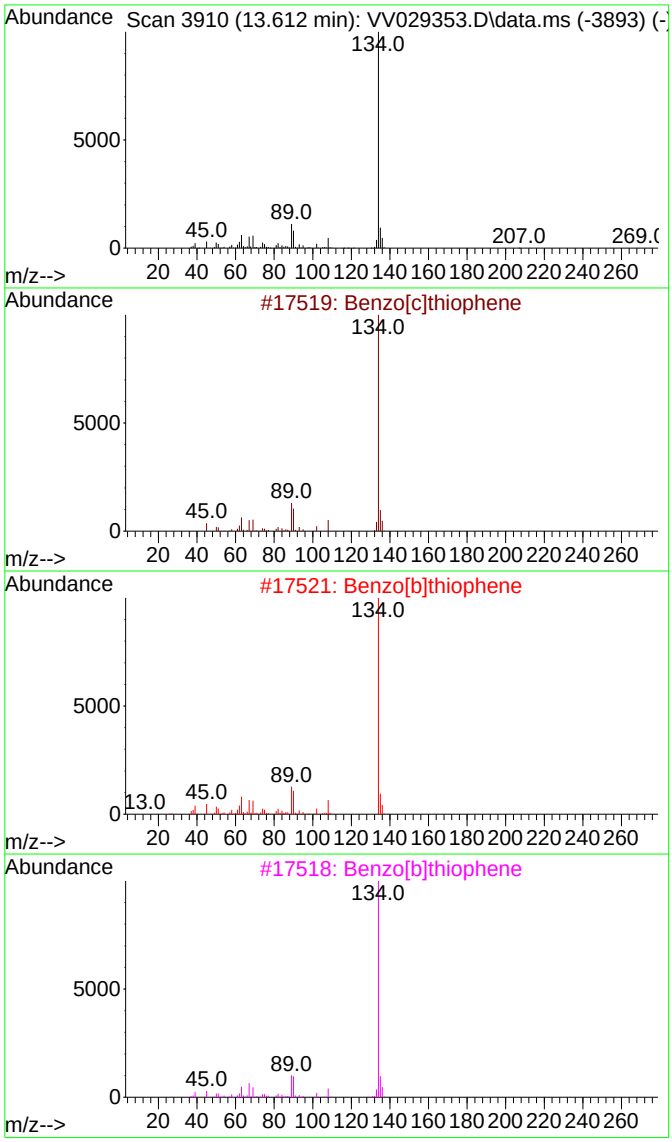
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

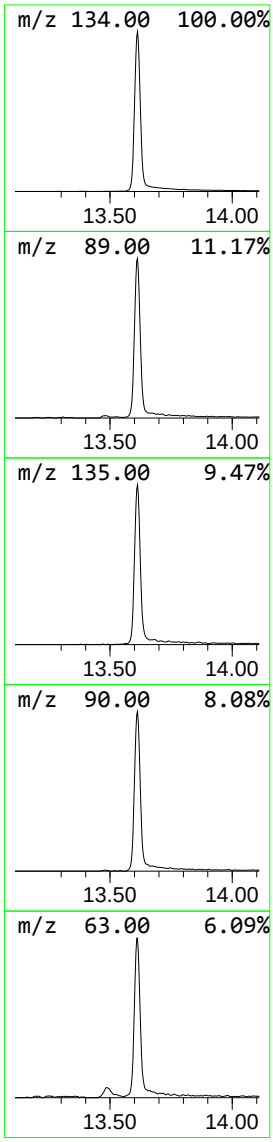
**********

Peak Number 16 Benzo[c]thiophene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.612 | 9.49 ug/L | 1634770 | 1,4-Dichlorobenzene-d4 | 11.240 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 97 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 95 |
| 3 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 95 |
| 4 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 94 |
| 5 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029353.D
Acq On : 25 Nov 2022 14:09
Operator : SY/MD
Sample : N5725-15DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHB68DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: S... | 1.105 | 26.0 | ug/L | 3595670 | 1 | 5.613 | 692628 | 5.0 |
| Ethane, 1-chlor... | 1.214 | 1.0 | ug/L | 132672 | 1 | 5.613 | 692628 | 5.0 |
| Benzene, 1-ethy... | 10.728 | 1.0 | ug/L | 170891 | 3 | 11.240 | 861018 | 5.0 |
| Benzene, 1,2,3-... | 11.323 | 1.6 | ug/L | 280931 | 3 | 11.240 | 861018 | 5.0 |
| Indane | 11.516 | 3.9 | ug/L | 666835 | 3 | 11.240 | 861018 | 5.0 |
| Indene | 11.735 | 24.4 | ug/L | 4207300 | 3 | 11.240 | 861018 | 5.0 |
| Benzene, 1-ethy... | 12.005 | 0.9 | ug/L | 148328 | 3 | 11.240 | 861018 | 5.0 |
| Benzene, 1-ethe... | 12.104 | 4.8 | ug/L | 831063 | 3 | 11.240 | 861018 | 5.0 |
| Benzofuran, 7-m... | 12.349 | 5.5 | ug/L | 954970 | 3 | 11.240 | 861018 | 5.0 |
| Benzofuran, 2-m... | 12.452 | 12.0 | ug/L | 2065760 | 3 | 11.240 | 861018 | 5.0 |
| (Z)-3-Phenylacr... | 12.529 | 0.9 | ug/L | 158153 | 3 | 11.240 | 861018 | 5.0 |
| Benzene, 1,2,3,... | 12.870 | 2.1 | ug/L | 359487 | 3 | 11.240 | 861018 | 5.0 |
| Naphthalene, 1,... | 13.034 | 1.8 | ug/L | 303505 | 3 | 11.240 | 861018 | 5.0 |
| Benzene, (2-met... | 13.484 | 0.9 | ug/L | 162277 | 3 | 11.240 | 861018 | 5.0 |
| Benzo[c]thiophene | 13.612 | 9.5 | ug/L | 1634770 | 3 | 11.240 | 861018 | 5.0 |