

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
 Data File : VX042910.D  
 Acq On : 07 Aug 2024 13:05  
 Operator : JC/MD  
 Sample : P3462-09  
 Misc : 5.07g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 JC-3

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\82X080724W.M  
 Title : SW846 8260

Signal : TIC: VX042910.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.264       | 25            | 29          | 34           | rBV      | 16102          | 18633         | 1.25%           | 0.215%        |
| 2         | 1.599       | 68            | 84          | 85           | rBV8     | 13841          | 44549         | 2.99%           | 0.514%        |
| 3         | 2.940       | 296           | 304         | 315          | rBV2     | 10103          | 25257         | 1.70%           | 0.291%        |
| 4         | 5.385       | 693           | 705         | 719          | rBV      | 110694         | 334091        | 22.46%          | 3.852%        |
| 5         | 5.544       | 721           | 731         | 747          | rVV      | 169467         | 484153        | 32.54%          | 5.582%        |
| 6         | 5.952       | 788           | 798         | 809          | rBV      | 121641         | 329145        | 22.12%          | 3.795%        |
| 7         | 6.757       | 920           | 930         | 952          | rBV2     | 285730         | 697719        | 46.90%          | 8.044%        |
| 8         | 8.647       | 1233          | 1240        | 1248         | rBV      | 582126         | 927422        | 62.34%          | 10.693%       |
| 9         | 8.720       | 1248          | 1252        | 1257         | rVB2     | 26218          | 43769         | 2.94%           | 0.505%        |
| 10        | 10.055      | 1465          | 1471        | 1485         | rBV      | 601917         | 847469        | 56.97%          | 9.771%        |
| 11        | 10.299      | 1503          | 1511        | 1518         | rBV      | 49986          | 76828         | 5.16%           | 0.886%        |
| 12        | 10.640      | 1562          | 1567        | 1581         | rBV      | 39823          | 61371         | 4.13%           | 0.708%        |
| 13        | 11.085      | 1634          | 1640        | 1648         | rBV      | 452330         | 640603        | 43.06%          | 7.386%        |
| 14        | 11.384      | 1683          | 1689        | 1695         | rBV2     | 12147          | 22623         | 1.52%           | 0.261%        |
| 15        | 11.451      | 1695          | 1700        | 1703         | rBV      | 25468          | 35047         | 2.36%           | 0.404%        |
| 16        | 11.750      | 1745          | 1749        | 1756         | rVB      | 50324          | 65828         | 4.42%           | 0.759%        |
| 17        | 12.024      | 1788          | 1794        | 1801         | rBV      | 577400         | 742123        | 49.88%          | 8.556%        |
| 18        | 12.091      | 1801          | 1805        | 1812         | rVB      | 27493          | 40135         | 2.70%           | 0.463%        |
| 19        | 12.244      | 1824          | 1830        | 1833         | rBV5     | 8920           | 16601         | 1.12%           | 0.191%        |
| 20        | 12.317      | 1837          | 1842        | 1850         | rVB3     | 10953          | 19010         | 1.28%           | 0.219%        |
| 21        | 12.421      | 1854          | 1859        | 1864         | rVV2     | 39099          | 53938         | 3.63%           | 0.622%        |
| 22        | 12.969      | 1944          | 1949        | 1956         | rVB3     | 13880          | 24278         | 1.63%           | 0.280%        |
| 23        | 13.268      | 1991          | 1998        | 2000         | rBV      | 17647          | 25982         | 1.75%           | 0.300%        |
| 24        | 13.286      | 2000          | 2001        | 2007         | rVB4     | 17139          | 20058         | 1.35%           | 0.231%        |
| 25        | 13.420      | 2020          | 2023        | 2031         | rVB8     | 11488          | 23686         | 1.59%           | 0.273%        |
| 26        | 13.774      | 2076          | 2081        | 2089         | rVV      | 1252181        | 1487679       | 100.00%         | 17.152%       |
| 27        | 13.865      | 2093          | 2096        | 2102         | rVB      | 19149          | 26334         | 1.77%           | 0.304%        |
| 28        | 14.036      | 2120          | 2124        | 2127         | rBV      | 13168          | 15051         | 1.01%           | 0.174%        |
| 29        | 14.634      | 2217          | 2222        | 2234         | rVB      | 320585         | 418877        | 28.16%          | 4.830%        |
| 30        | 14.780      | 2239          | 2246        | 2254         | rVB      | 231910         | 316184        | 21.25%          | 3.646%        |
| 31        | 15.207      | 2307          | 2316        | 2320         | rBV      | 37819          | 60560         | 4.07%           | 0.698%        |
| 32        | 15.371      | 2337          | 2343        | 2347         | rBV      | 30361          | 49969         | 3.36%           | 0.576%        |
| 33        | 15.408      | 2347          | 2349        | 2355         | rVV5     | 18899          | 24940         | 1.68%           | 0.288%        |
| 34        | 15.475      | 2355          | 2360        | 2373         | rVV      | 82731          | 160252        | 10.77%          | 1.848%        |
| 35        | 15.609      | 2373          | 2382        | 2386         | rVV      | 105182         | 179015        | 12.03%          | 2.064%        |
| 36        | 15.646      | 2386          | 2388        | 2397         | rVB      | 60690          | 93786         | 6.30%           | 1.081%        |

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

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\82X080724W.M

Title : SW846 8260

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 15.835 | 2411 | 2419 | 2428 | rBV  | 25941 | 73486 | 4.94% | 0.847% |
| 38 | 15.987 | 2438 | 2444 | 2454 | rVB3 | 19116 | 40814 | 2.74% | 0.471% |
| 39 | 16.084 | 2455 | 2460 | 2469 | rBV4 | 19889 | 38733 | 2.60% | 0.447% |
| 40 | 16.353 | 2496 | 2504 | 2507 | rBV5 | 9638  | 24457 | 1.64% | 0.282% |
| 41 | 16.597 | 2541 | 2544 | 2549 | rVB5 | 13114 | 21322 | 1.43% | 0.246% |
| 42 | 16.651 | 2549 | 2553 | 2557 | rBV3 | 11769 | 21475 | 1.44% | 0.248% |

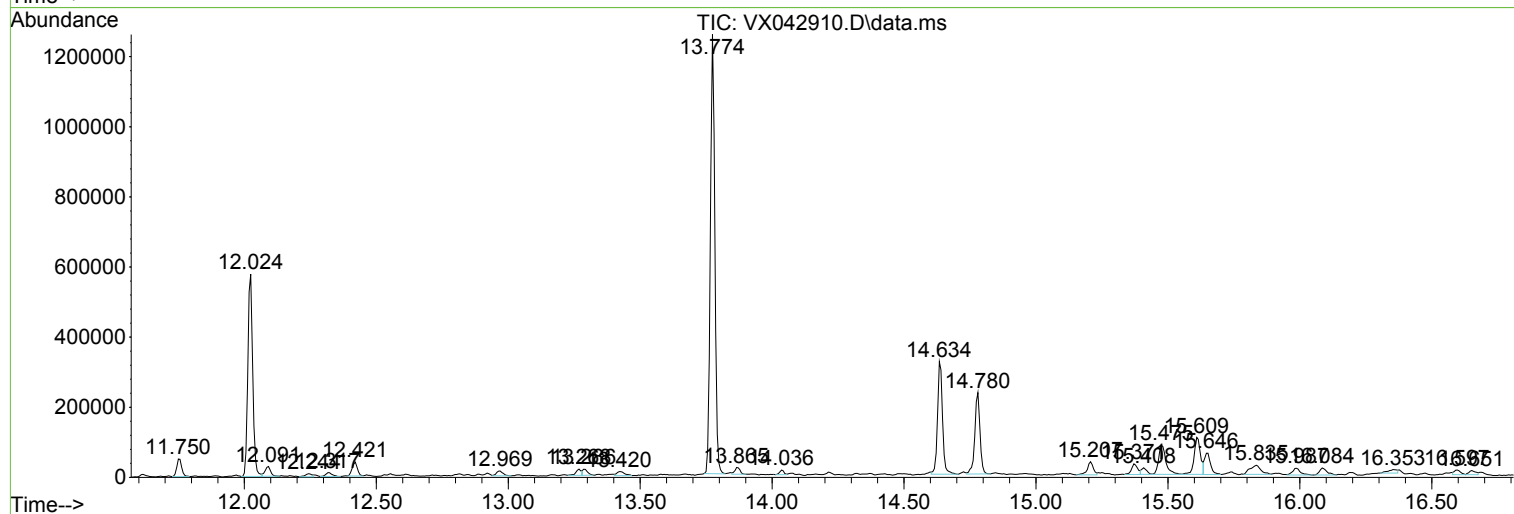
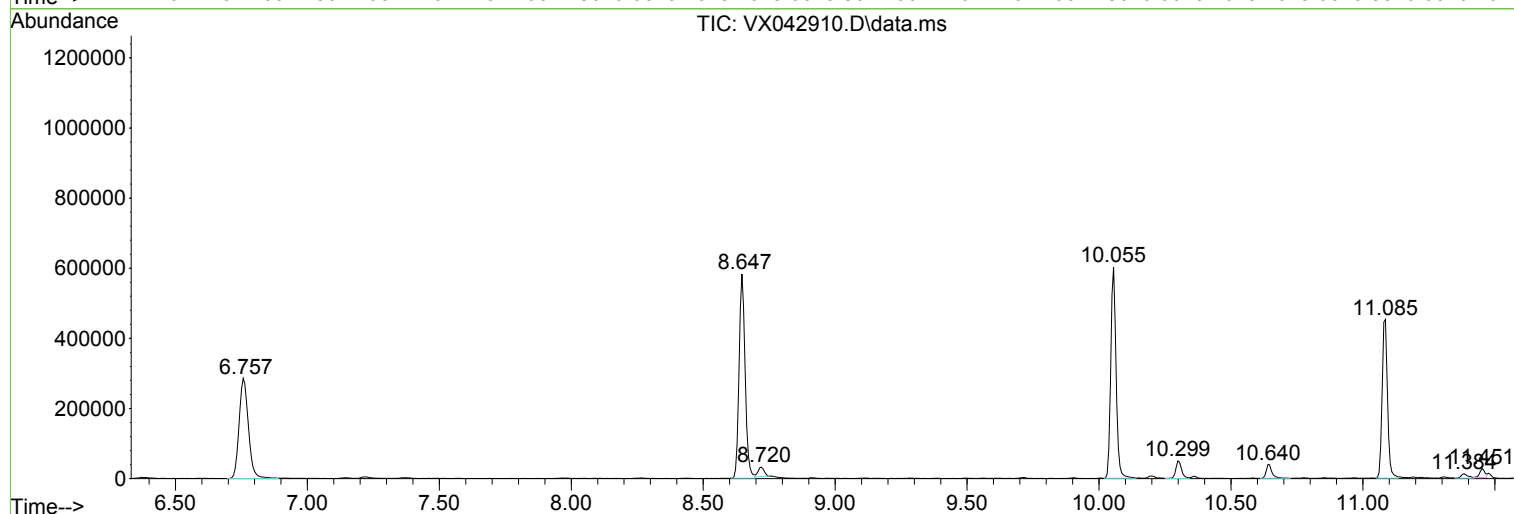
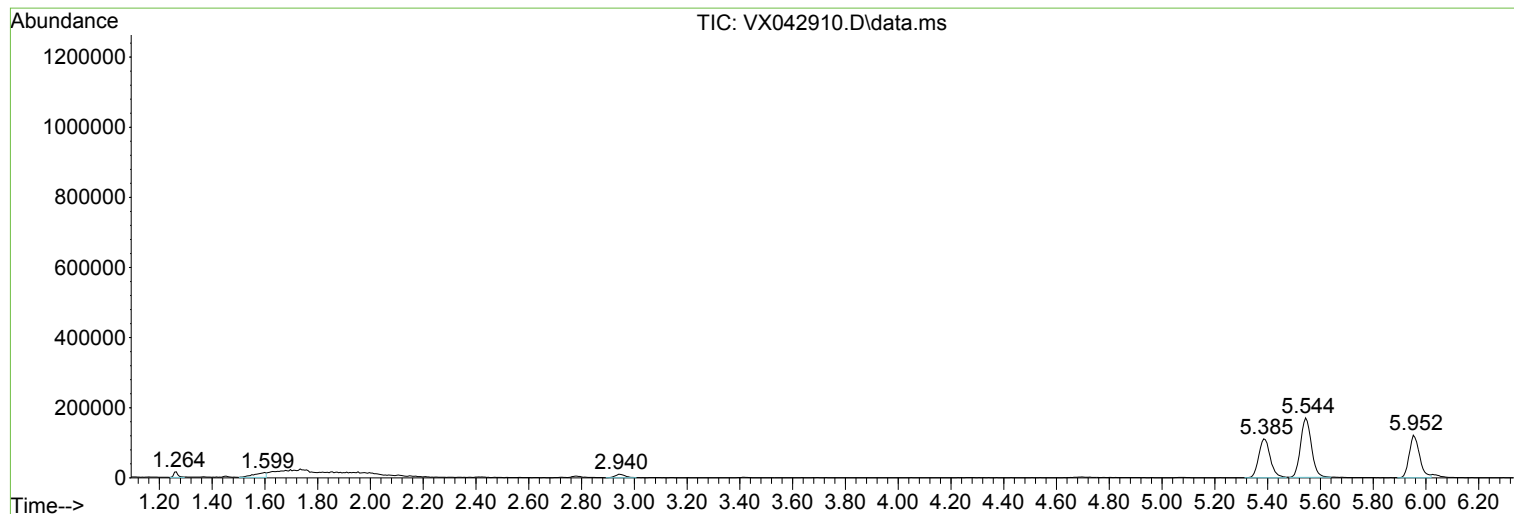
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
Data File : VX042910.D  
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Operator : JC/MD  
Sample : P3462-09  
Misc : 5.07g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260

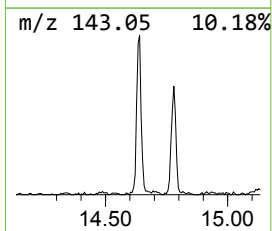
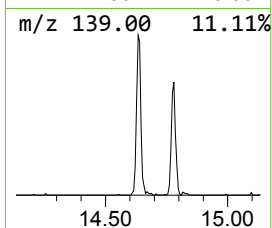
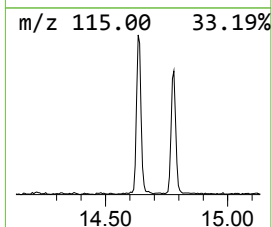
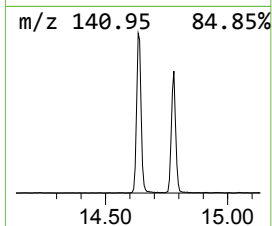
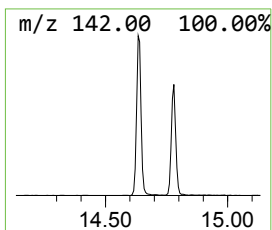
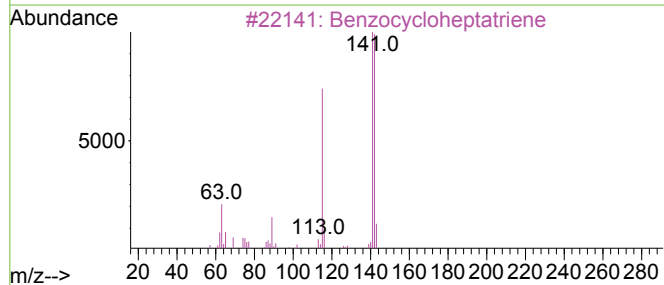
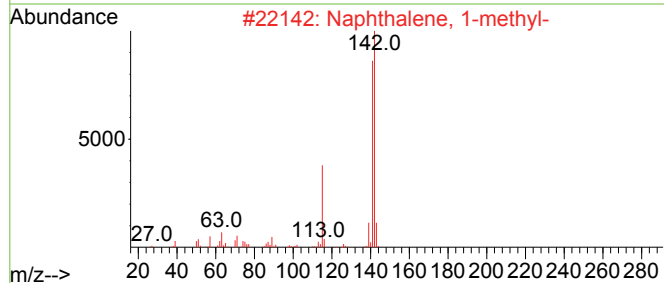
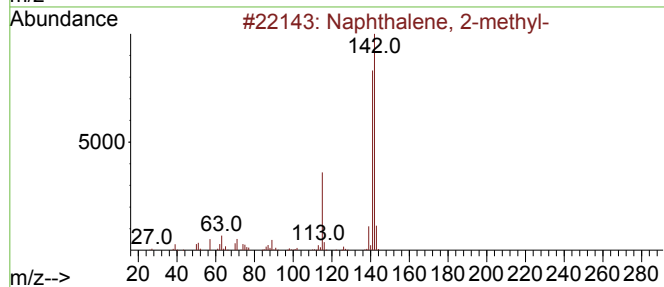
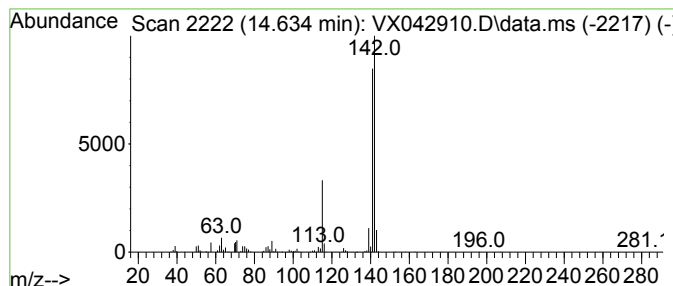
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Naphthalene, 2-methyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.634 | 28.22 ug/l | 418877 | 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    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 4    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 64   |



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Sample : P3462-09  
Misc : 5.07g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

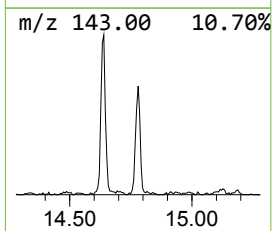
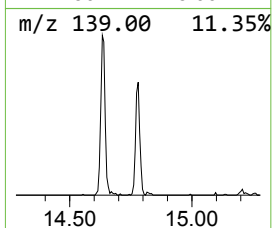
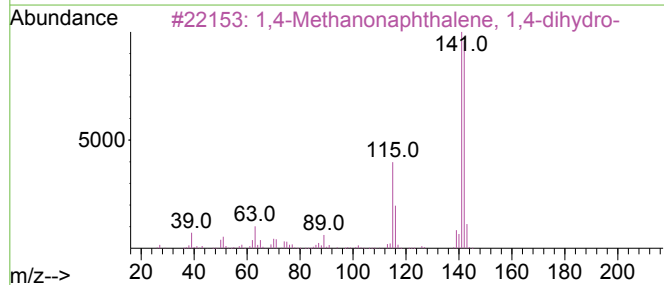
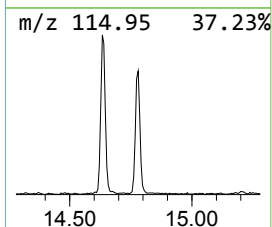
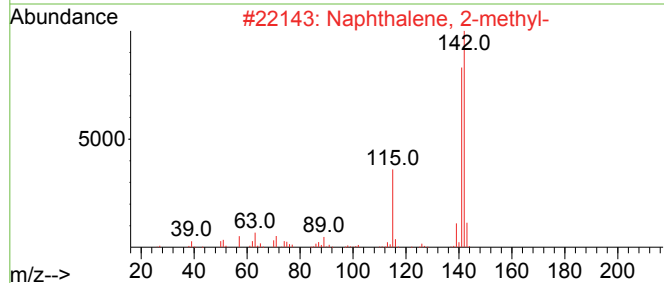
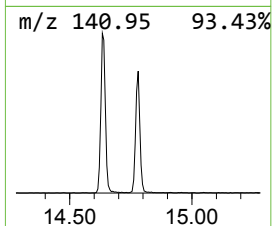
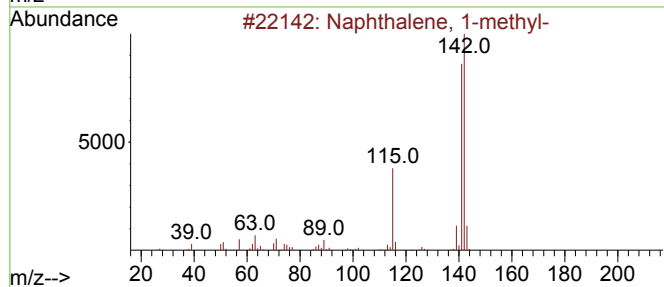
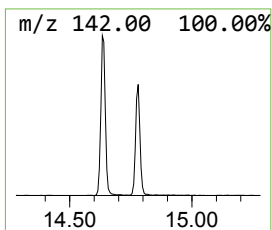
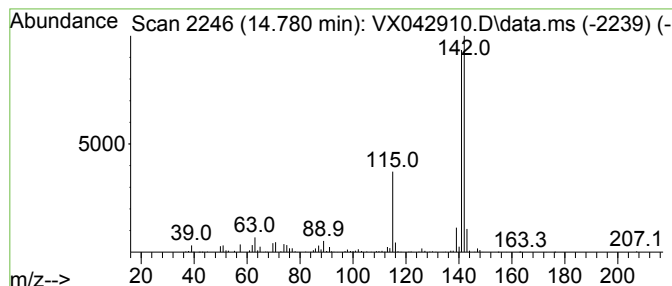
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.780 | 21.30 ug/l | 316184 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 94   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 87   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

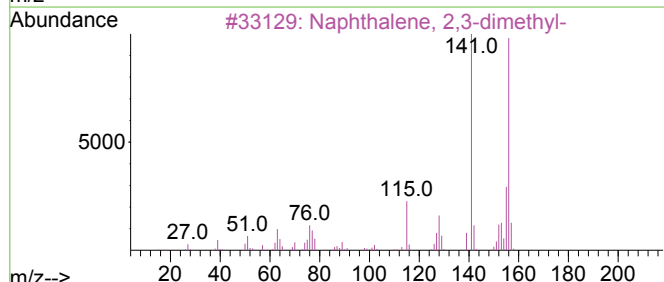
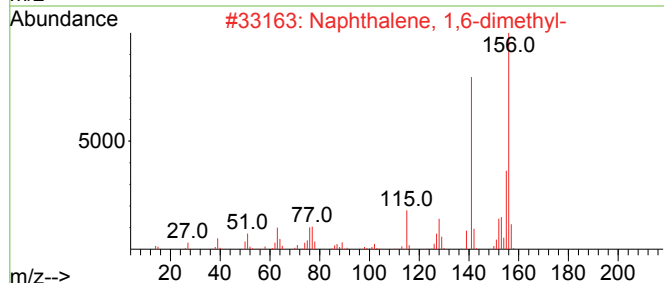
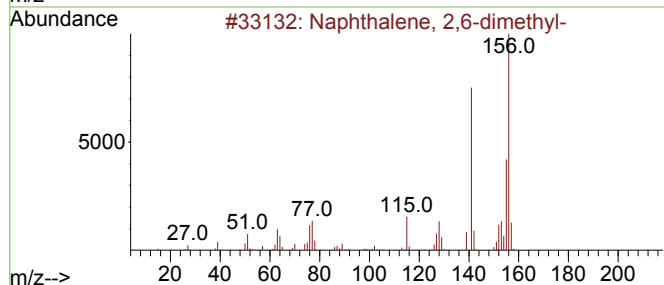
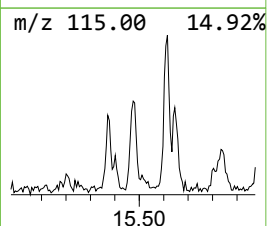
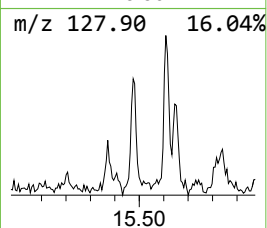
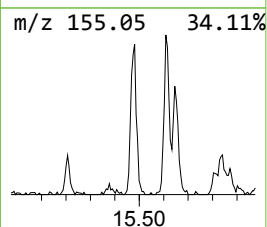
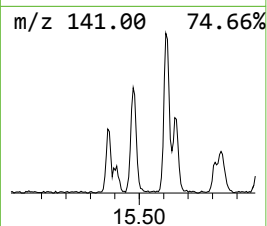
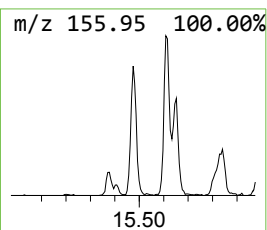
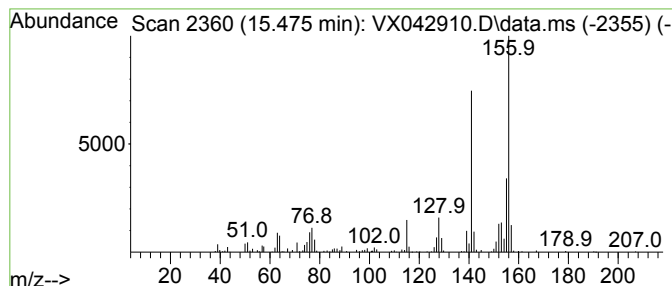
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.475 | 10.80 ug/l | 160252 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 98   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

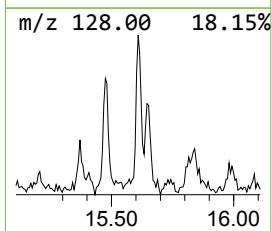
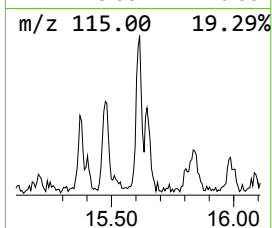
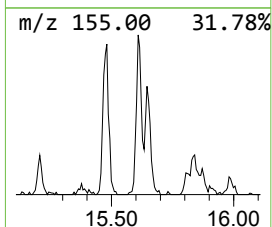
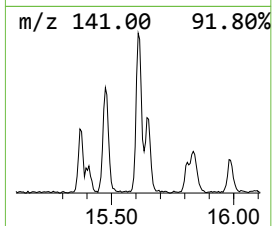
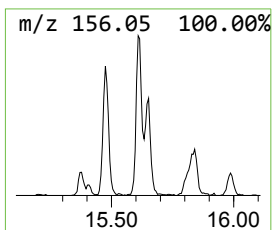
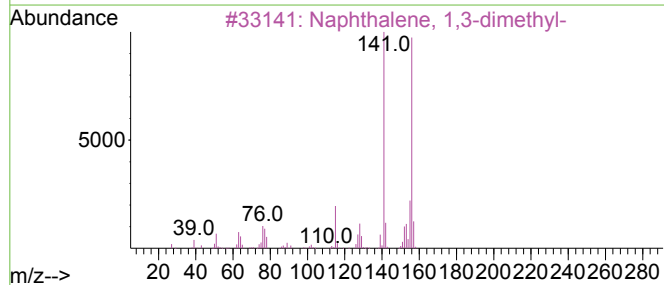
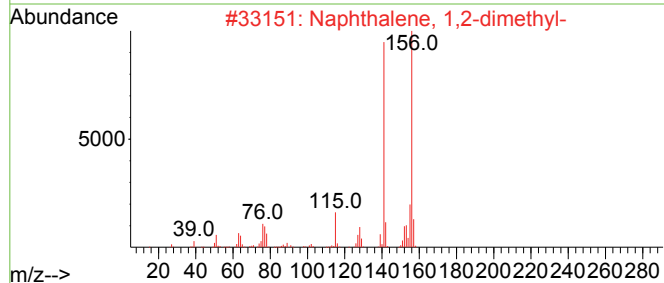
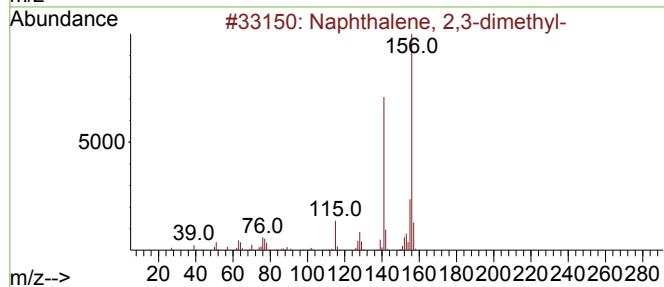
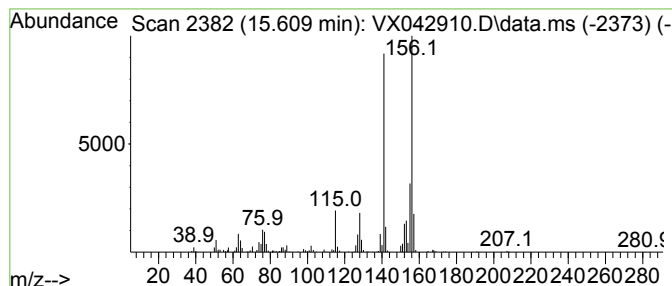
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Quant Title : SW846 8260

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

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Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.609 | 12.06 ug/l | 179015 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 97   |
| 3    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
Data File : VX042910.D  
Acq On : 07 Aug 2024 13:05  
Operator : JC/MD  
Sample : P3462-09  
Misc : 5.07g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260

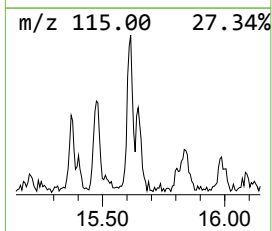
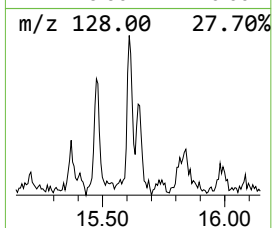
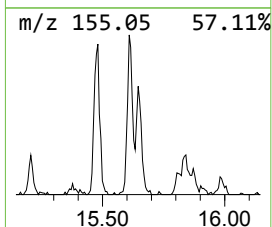
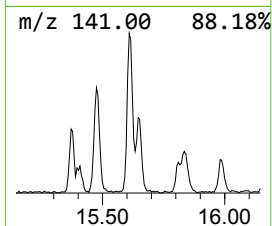
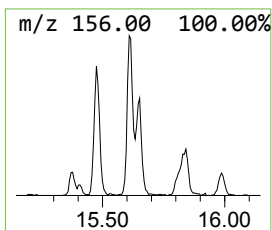
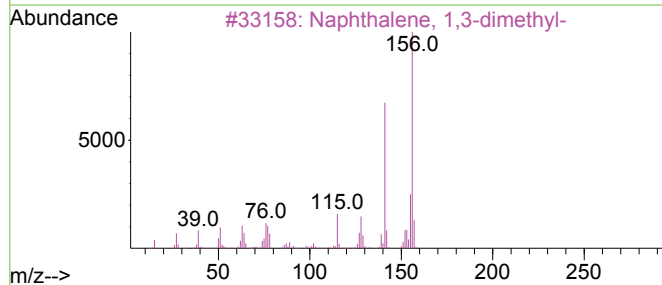
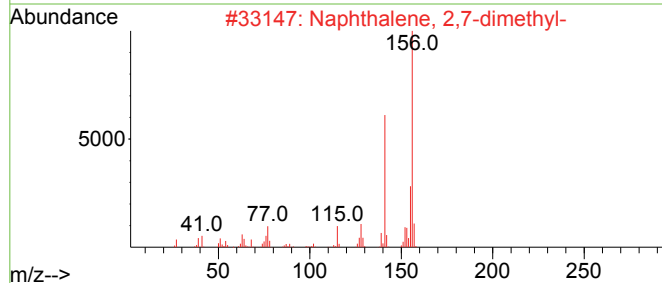
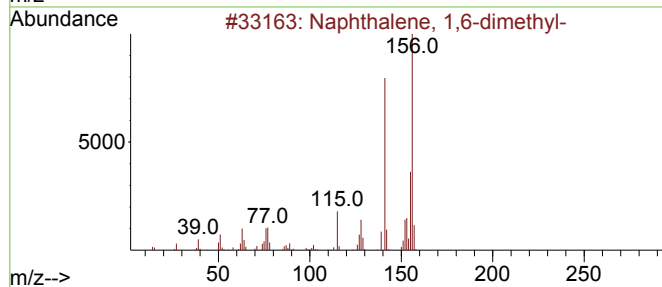
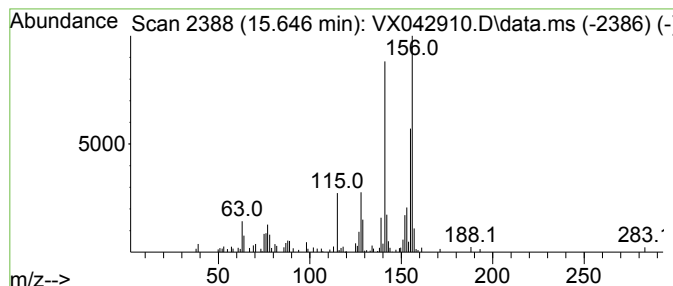
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.646 | 6.32 ug/l | 93786 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 93   |
| 2    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 87   |
| 3    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 87   |
| 4    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 81   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
Data File : VX042910.D  
Acq On : 07 Aug 2024 13:05  
Operator : JC/MD  
Sample : P3462-09  
Misc : 5.07g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
JC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Naphthalene, 2-... | 14.634 | 28.2    | ug/l  | 418877   | 4                     | 12.024 | 742123 | 50.0 |
| Naphthalene, 1-... | 14.780 | 21.3    | ug/l  | 316184   | 4                     | 12.024 | 742123 | 50.0 |
| Naphthalene, 2,... | 15.475 | 10.8    | ug/l  | 160252   | 4                     | 12.024 | 742123 | 50.0 |
| Naphthalene, 2,... | 15.609 | 12.1    | ug/l  | 179015   | 4                     | 12.024 | 742123 | 50.0 |
| Naphthalene, 1,... | 15.646 | 6.3     | ug/l  | 93786    | 4                     | 12.024 | 742123 | 50.0 |