LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

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\82X092618W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.507	702	714	728	rBV	171950	494895	4.04%	1.077%
2	5.665	729	740	759	rVV	216402	624892	5.11%	1.360%
3	6.067	794	806	812	rBV	185980	480702	3.93%	1.046%
4	6.141	812	818	835	rVB	186744	499075	4.08%	1.086%
5	6.860	926	936	969	rBV	367384	894999	7.31%	1.948%
6	8.719	1233	1241	1246	rBV	823003	1367706	11.18%	2.977%
7	8.786	1246	1252	1269	rVV	7559492	12238566	100.00%	26.637%
8	8.908	1269	1272	1293	rVB	61641	128341	1.05%	0.279%
9	10.115	1463	1470	1486	rBV	778217	1108904	9.06%	2.413%
10	10.250	1487	1492	1502	rVV	496968	730467	5.97%	1.590%
11	10.359	1502	1510	1529	rVB	1503568	2145806	17.53%	4.670%
12	10.701	1561	1566	1586	rVB	722914	979181	8.00%	2.131%
13	11.140	1632	1638	1654	rBV	807658	1072363	8.76%	2.334%
14	11.432	1680	1686	1694	rBV	150291	283499	2.32%	0.617%
15	11.505	1694	1698	1704	rVB	114975	139376	1.14%	0.303%
16	11.810	1742	1748	1754	rBV	300494	383239	3.13%	0.834%
17	12.018	1776	1782	1787	rBV	2502173	3279555	26.80%	7.138%
18	12.079	1787	1792	1799	rVV	1057957	1343120	10.97%	2.923%
19	12.146	1799	1803	1807	rVB	100563	126901	1.04%	0.276%
20	12.298	1820	1828	1836	rBV	1082520	1345566	10.99%	2.929%
21	12.469	1851	1856	1863	rBV	1340789	1654906	13.52%	3.602%
22	12.944	1928	1934	1938	rBV2	193343	257146	2.10%	0.560%
23	13.023	1942	1947	1951	rBV	531067	785270	6.42%	1.709%
24	13.353	1992	2001	2005	rBV2	89185	127389	1.04%	0.277%
25	13.834	2071	2080	2086	rBV	9312678	11359663	92.82%	24.724%
26	13.926	2090	2095	2101	rVB	729661	925786	7.56%	2.015%
27	14.700	2217	2222	2231	rVB	573593	734704	6.00%	1.599%
28	14.840	2240	2245	2253	rVB	346586	434329	3.55%	0.945%

Sum of corrected areas: 45946346

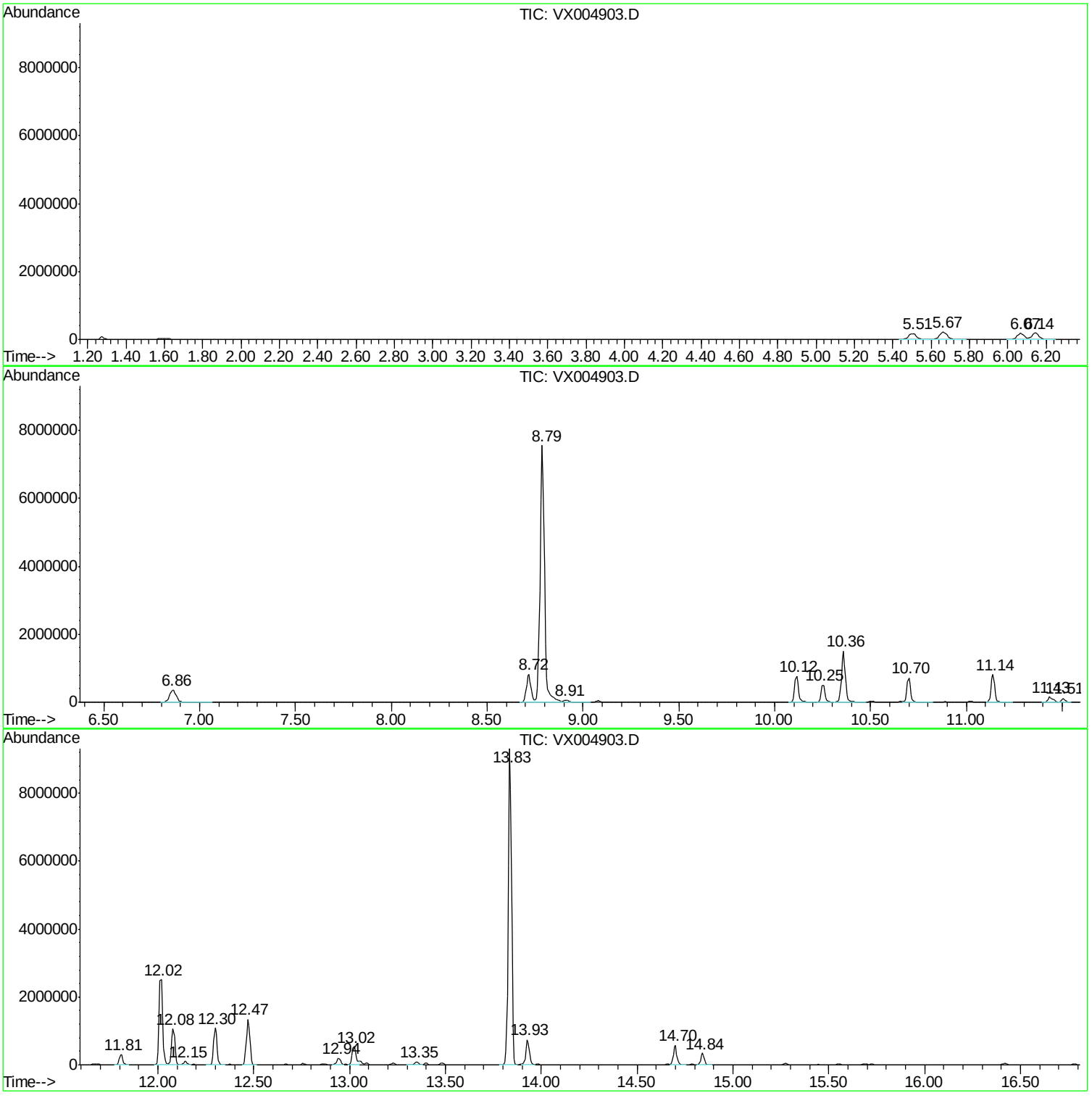
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

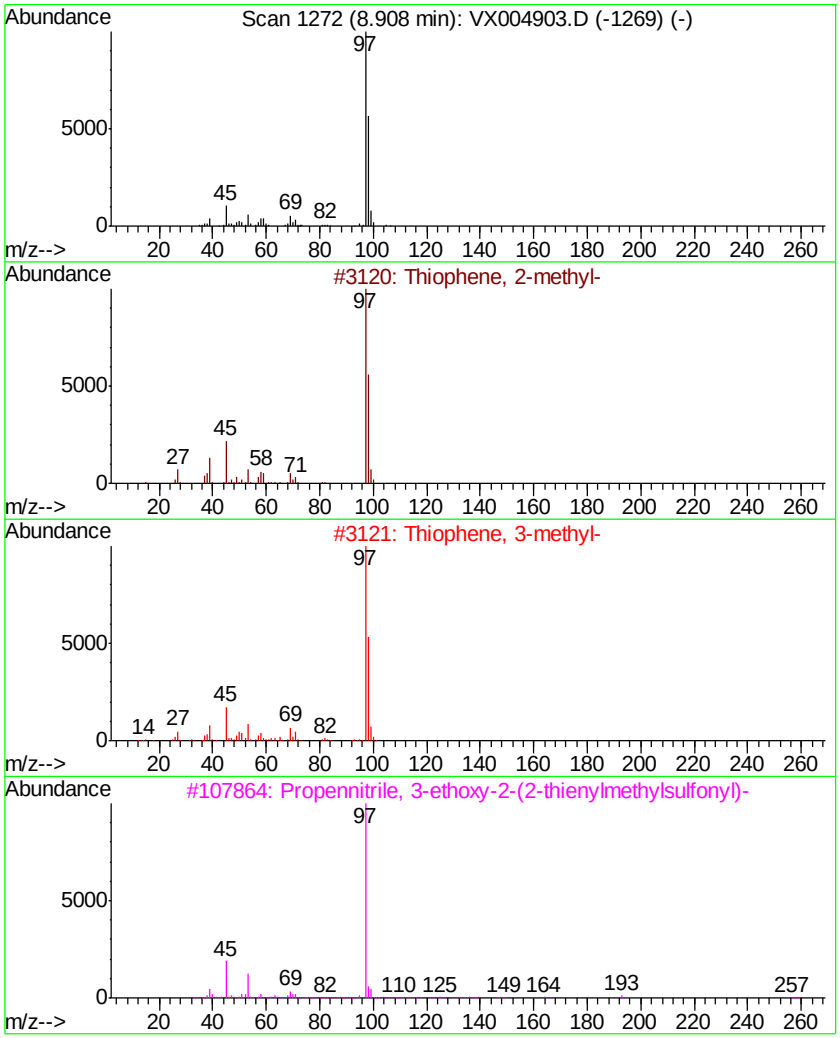
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

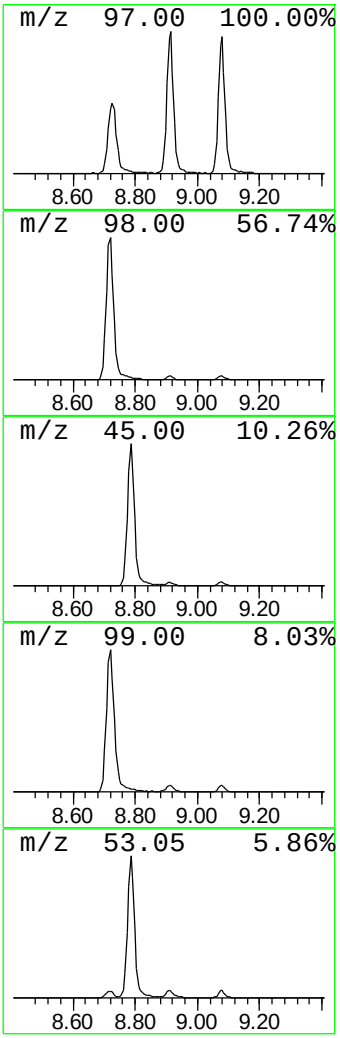
****

Peak Number 1 Thiophene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	5.79 ug/l	128341	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Propennitrile, 3-ethoxy-2-(2-thi...	257	C10H11NO3S2	1000267-97-5	38
4	2-Fluoropyridine	97	C5H4FN	000372-48-5	9
5	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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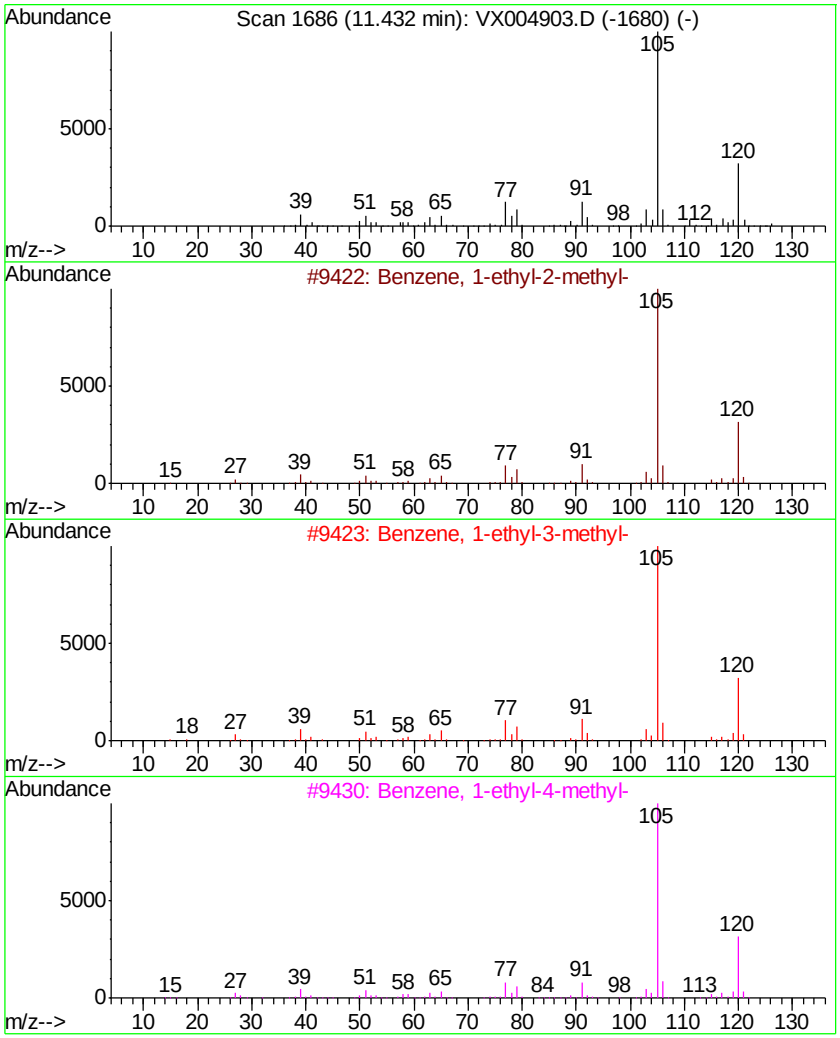
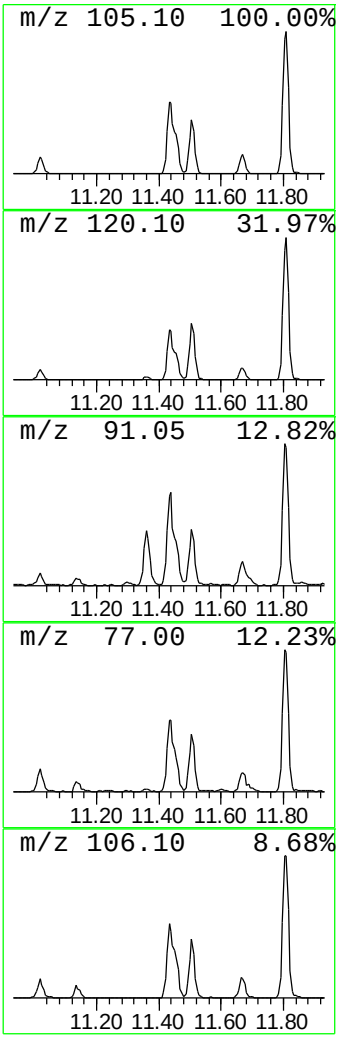
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	10.55 ug/l	283499	1,4-Dichlorobenzene-d4	12.08

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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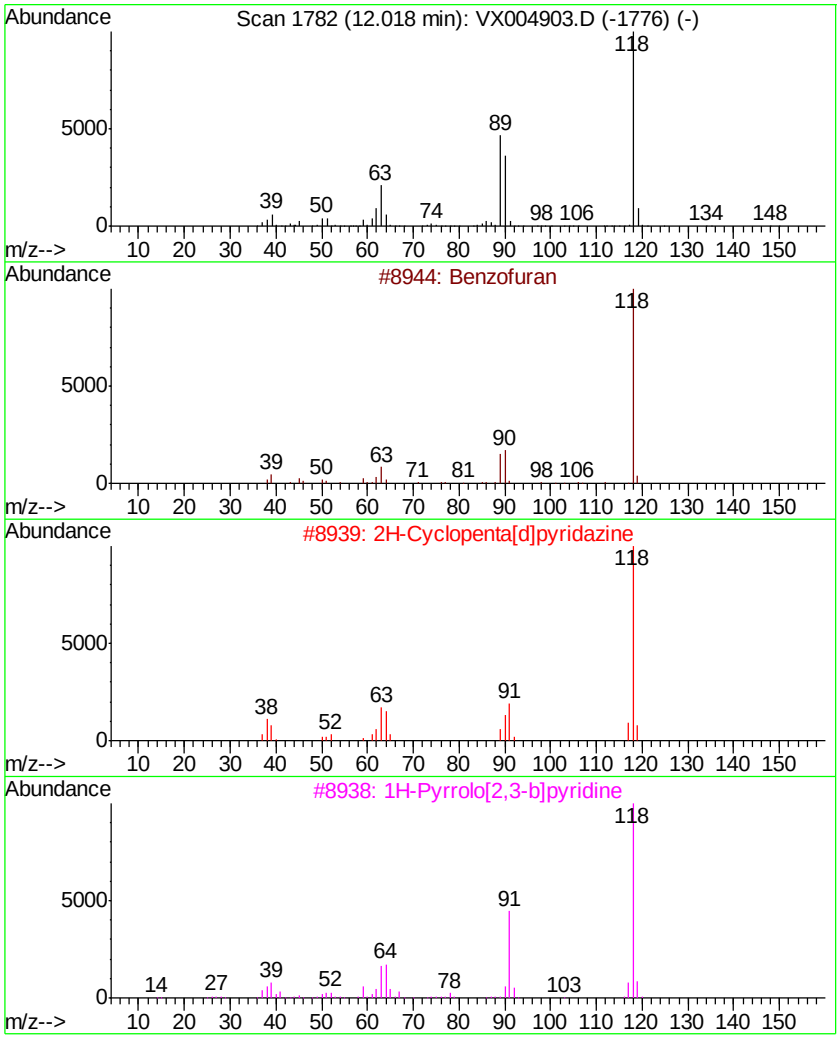
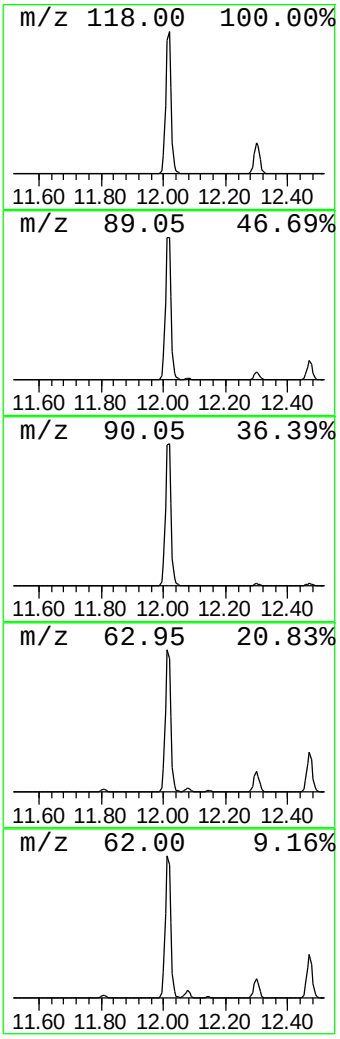
Peak Number 3 Benzofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	122.09 ug/l	3279560	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64
3	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	42
4	2-Pyridinecarbonitrile, 3-methyl-	118	C7H6N2	1000318-76-9	36
5	1H-Benzimidazole	118	C7H6N2	000051-17-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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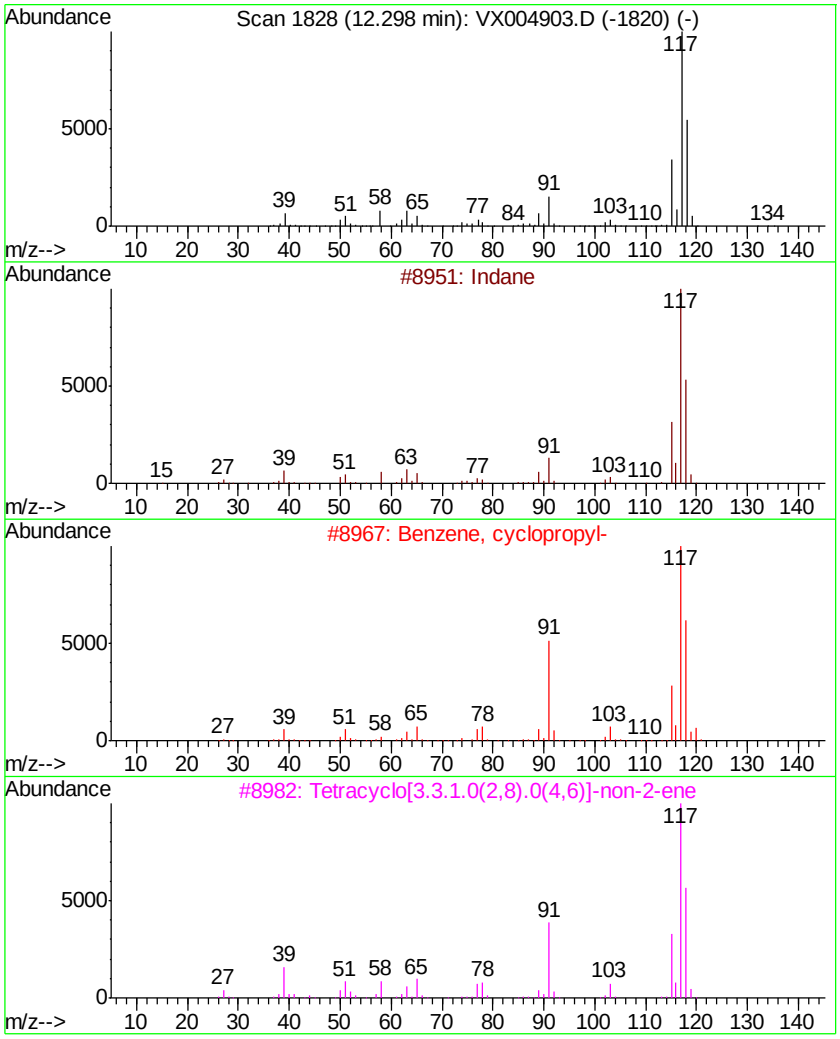
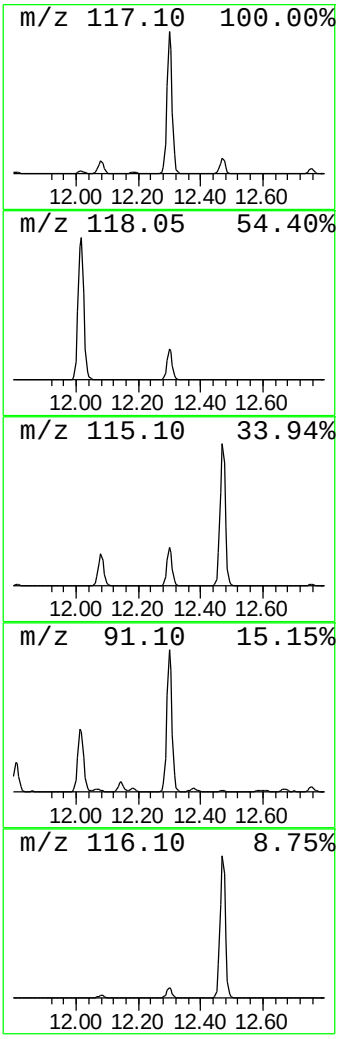
Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	50.09 ug/l	1345570	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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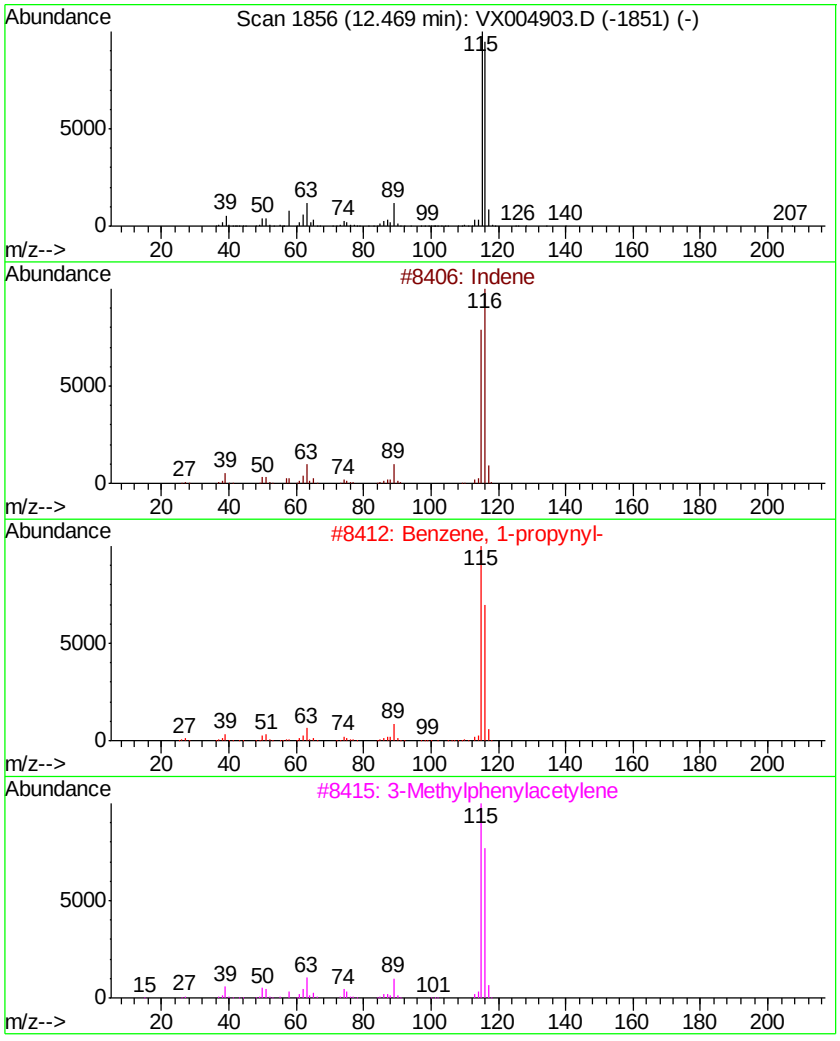
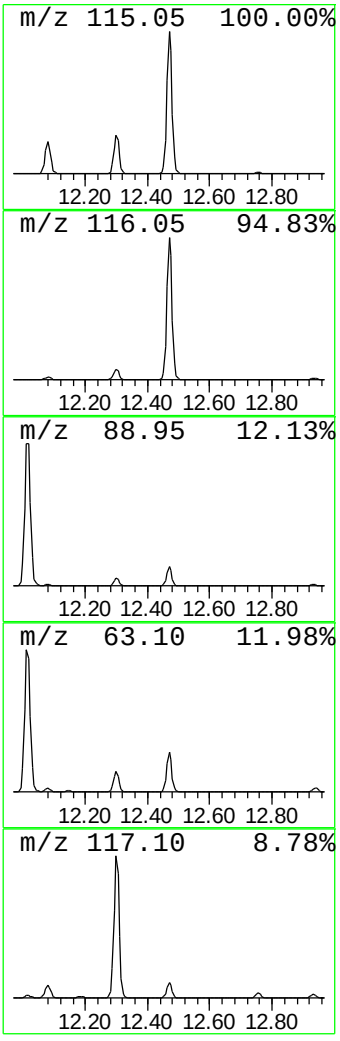
Peak Number 5 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	61.61 ug/l	1654910	1,4-Dichlorobenzene-d4	12.08

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	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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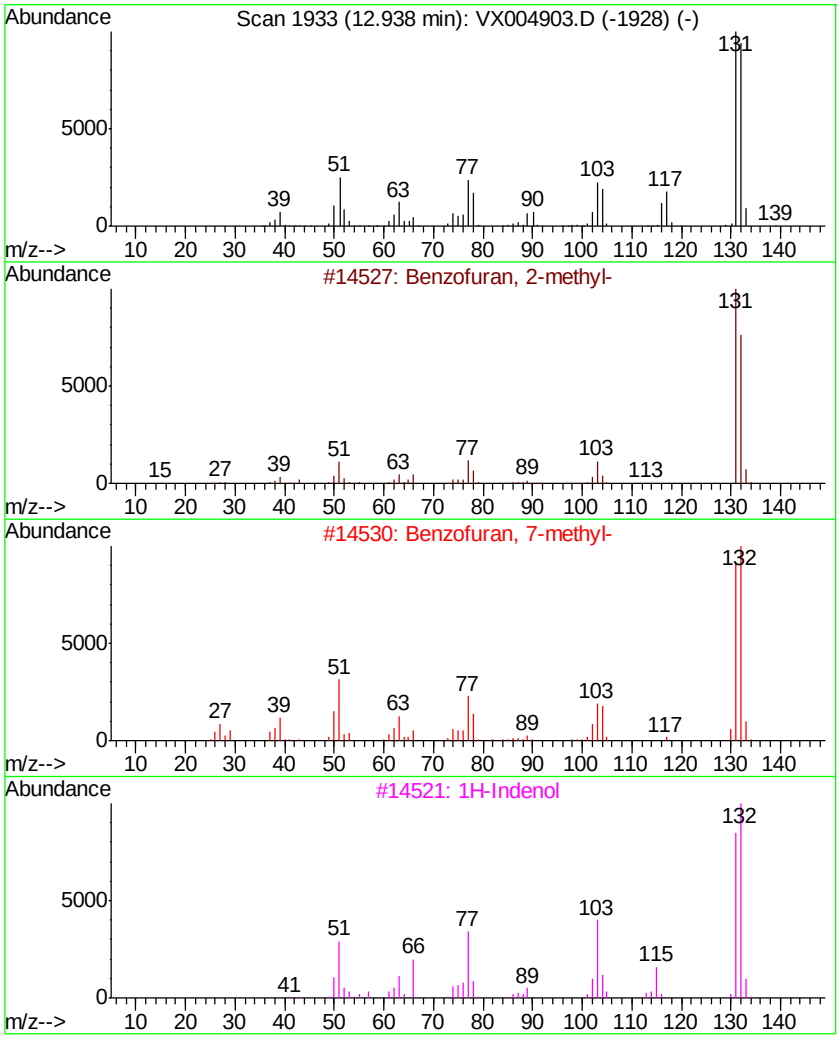
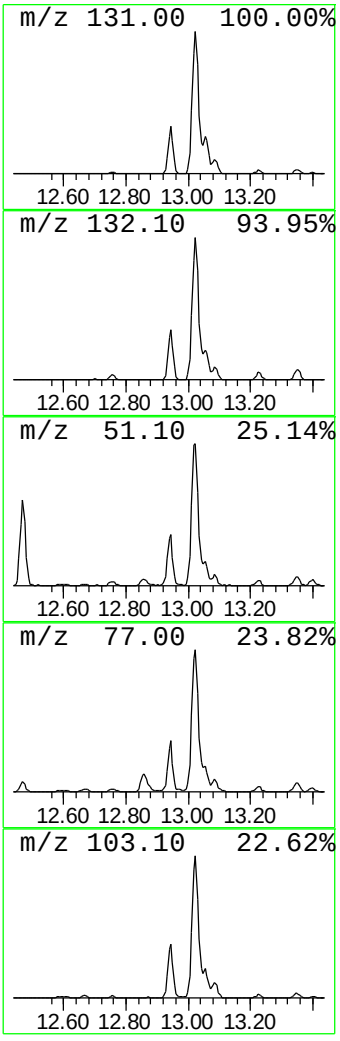
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	9.57 ug/l	257146	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	1H-Indenol	132	C9H8O	056631-57-3	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

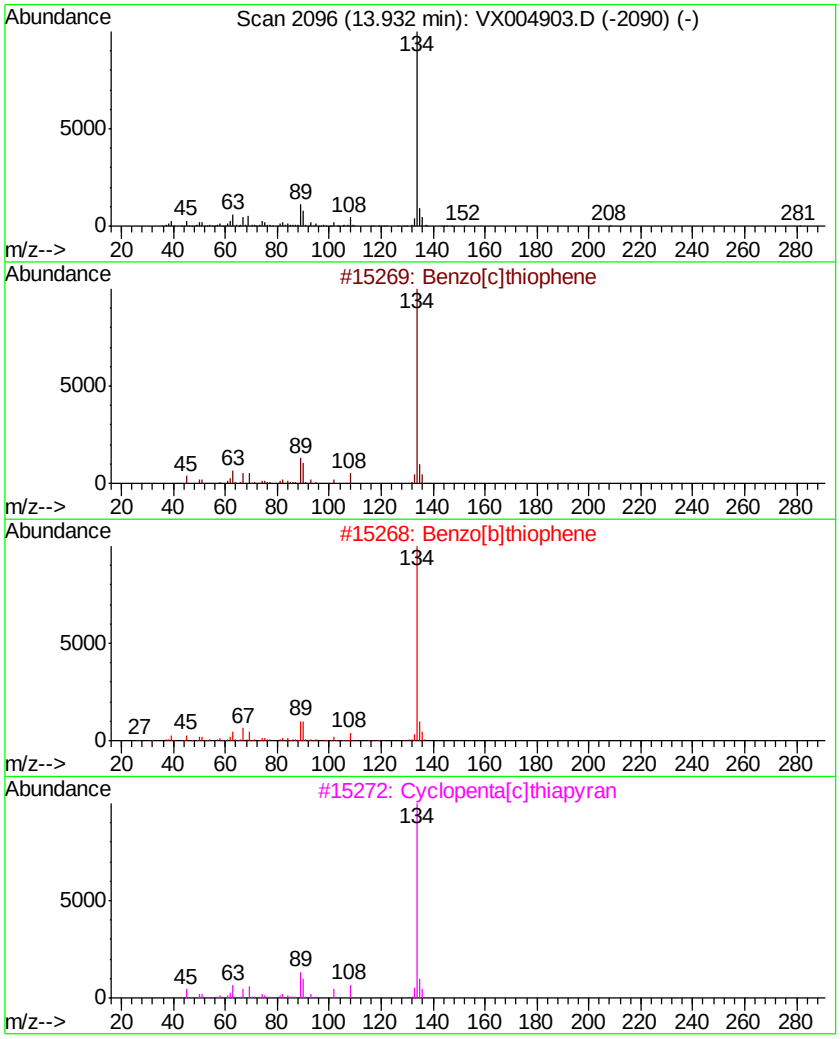
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

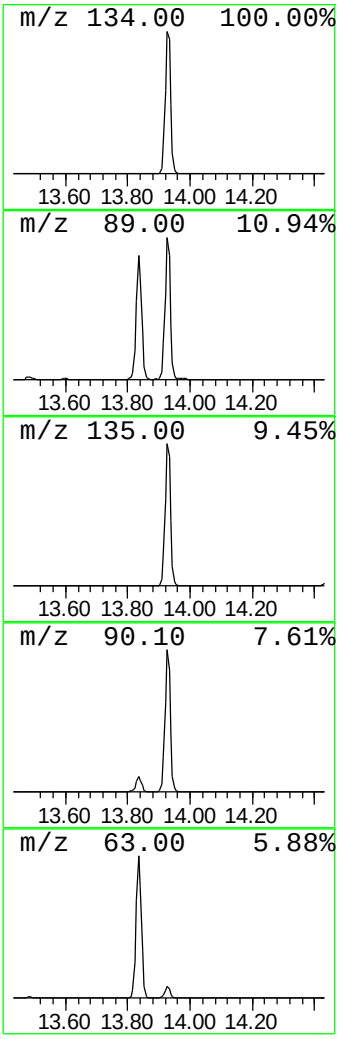
****

Peak Number 8 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	34.46 ug/l	925786	1,4-Dichlorobenzene-d4	12.08

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	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45





Library Search Compound Report

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ALS Vial : 48 Sample Multiplier: 1

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ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

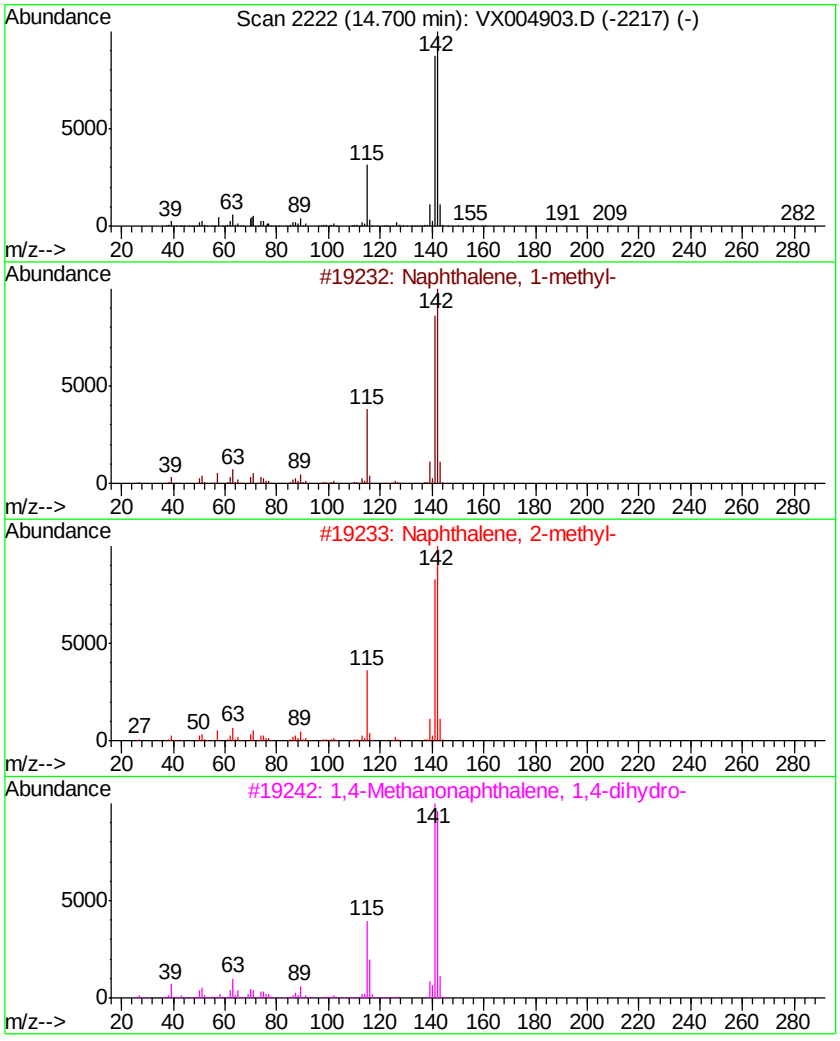
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

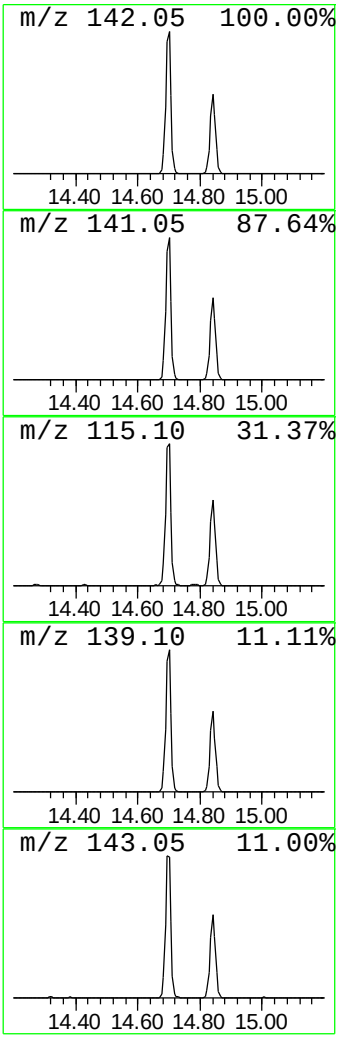
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	27.35 ug/l	734704	1,4-Dichlorobenzene-d4	12.08

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	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004903.D
Acq On : 02 Oct 2018 06:38
Operator : JC/MD
Sample : J5155-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW9-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Thiophene, 2-methyl-	8.91	5.8	ug/l	128341	3	10.12	1108900	50.0
Benzene, 1-ethyl-...	11.43	10.6	ug/l	283499	4	12.08	1343120	50.0
Benzofuran	12.02	122.1	ug/l	3279560	4	12.08	1343120	50.0
Indane	12.30	50.1	ug/l	1345570	4	12.08	1343120	50.0
Indene	12.47	61.6	ug/l	1654910	4	12.08	1343120	50.0
Benzofuran, 2-met...	12.94	9.6	ug/l	257146	4	12.08	1343120	50.0
Benzo[c]thiophene	13.93	34.5	ug/l	925786	4	12.08	1343120	50.0
Naphthalene, 1-me...	14.70	27.4	ug/l	734704	4	12.08	1343120	50.0