LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-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\82X092319W.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	1.064	26	29	40	rBV	596863	795092	2.52%	1.250%
2	5.648	772	781	799	rVB	185920	517609	1.64%	0.814%
3	6.130	853	860	875	rVB	341991	891281	2.82%	1.401%
4	6.849	968	978	991	rBV	288607	678833	2.15%	1.067%
5	8.709	1266	1283	1289	rBV	575156	904881	2.86%	1.423%
6	8.782	1289	1295	1306	rVB	289309	460803	1.46%	0.725%
7	10.111	1507	1513	1528	rBV	568826	779941	2.47%	1.226%
8	10.245	1528	1535	1544	rVV	2001253	2651367	8.39%	4.169%
9	10.355	1544	1553	1566	rVB	1583737	2081554	6.59%	3.273%
10	10.696	1604	1609	1621	rVB	944235	1215605	3.85%	1.911%
11	11.135	1675	1681	1691	rVV	480066	601099	1.90%	0.945%
12	11.428	1723	1729	1731	rBV	255448	337482	1.07%	0.531%
13	11.501	1737	1741	1747	rVB	442370	532534	1.69%	0.837%
14	11.800	1783	1790	1796	rBV	1060896	1353656	4.28%	2.128%
15	12.007	1819	1824	1830	rBV	1570790	2054728	6.50%	3.231%
16	12.074	1830	1835	1841	rVB	616628	780048	2.47%	1.226%
17	12.141	1841	1846	1850	rBV	328884	416735	1.32%	0.655%
18	12.294	1866	1871	1879	rBV	4653130	5787296	18.31%	9.099%
19	12.464	1893	1899	1905	rBV	847557	1010969	3.20%	1.590%
20	12.940	1972	1977	1980	rBV	449638	535468	1.69%	0.842%
21	13.019	1985	1990	1998	rBV	1016256	1621405	5.13%	2.549%
22	13.342	2034	2043	2048	rBV2	306660	423288	1.34%	0.666%
23	13.836	2115	2124	2129	rBV	22646066	31604202	100.00%	49.690%
24	13.921	2133	2138	2144	rVB	1307651	1689876	5.35%	2.657%
25	14.689	2260	2264	2274	rVB	1450139	1877576	5.94%	2.952%
26	14.836	2283	2288	2298	rVB	1328531	1668925	5.28%	2.624%
27	16.409	2538	2546	2555	rBV	181496	330180	1.04%	0.519%

Sum of corrected areas: 63602433

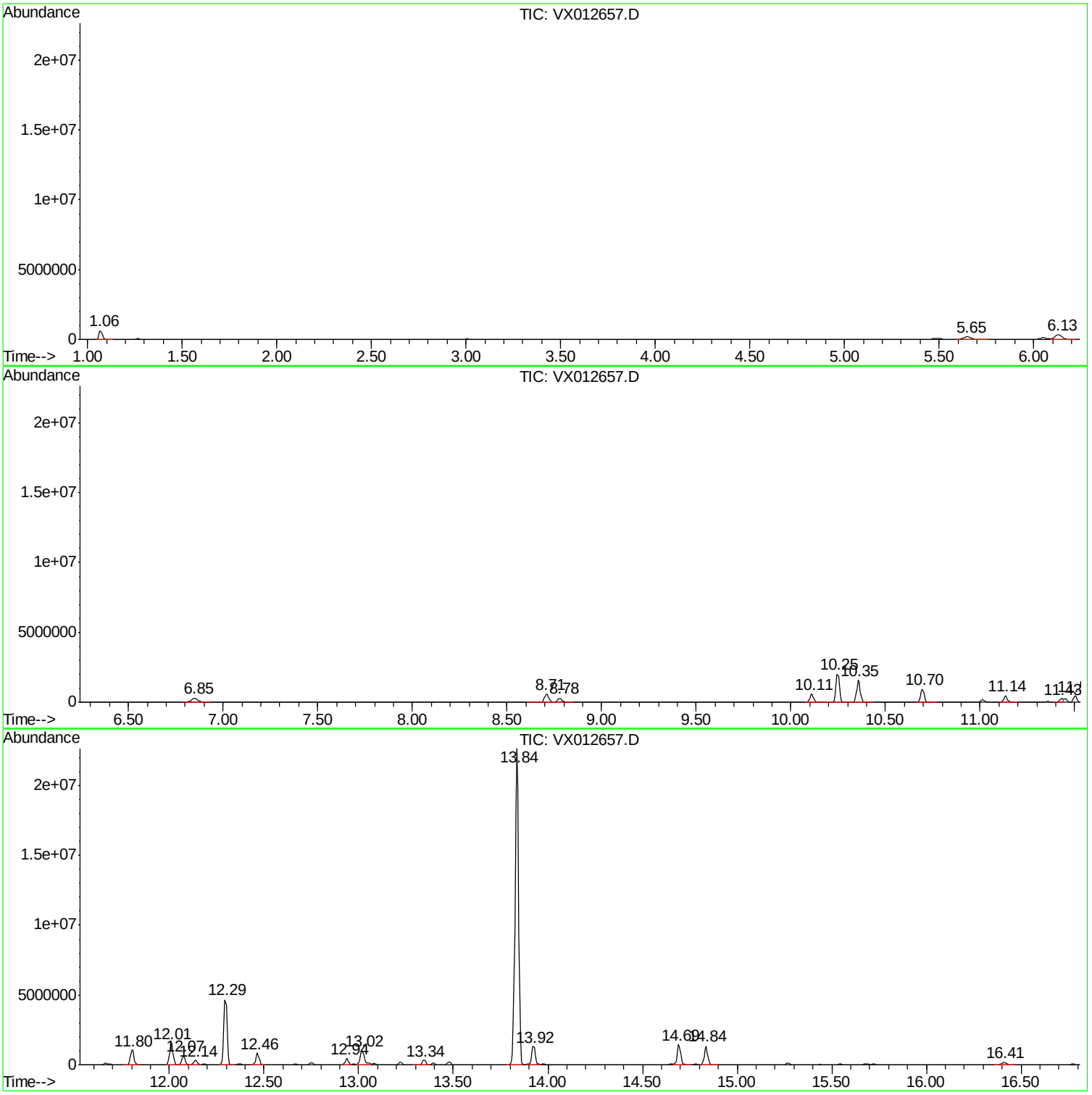
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

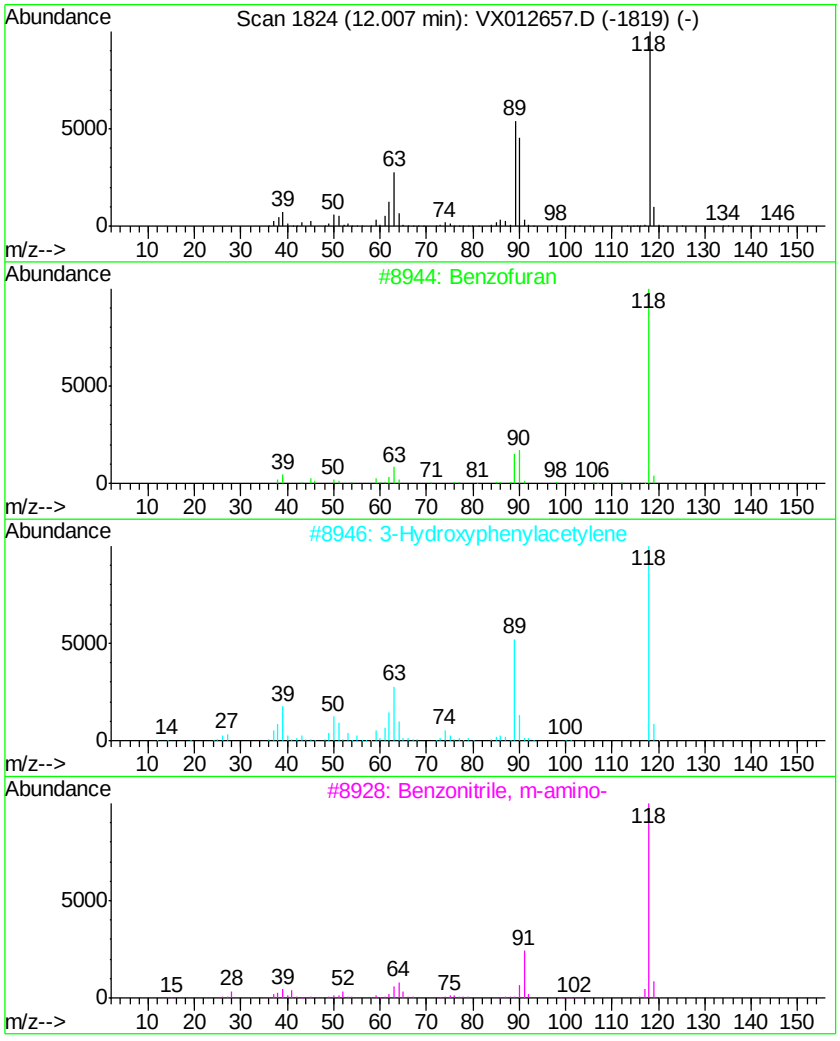
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

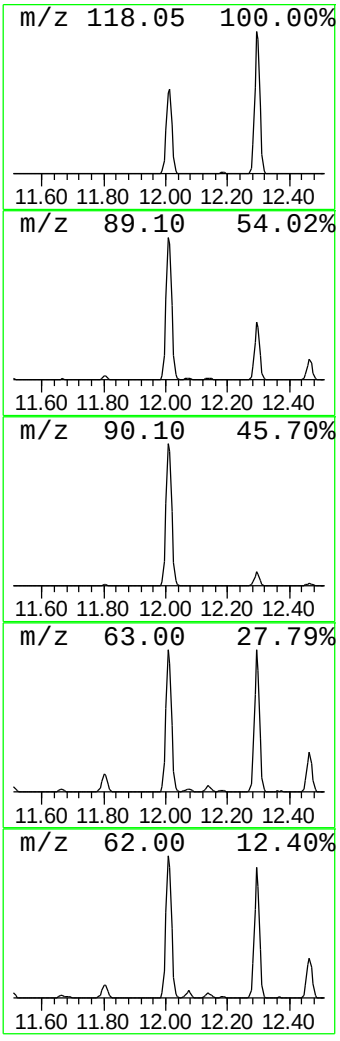
****

Peak Number 2 Benzofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	131.71 ug/l	2054730	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	74
3	Benzonitrile, m-amino-	118	C7H6N2	002237-30-1	35
4	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	35
5	Benzonitrile, 2-amino-	118	C7H6N2	001885-29-6	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

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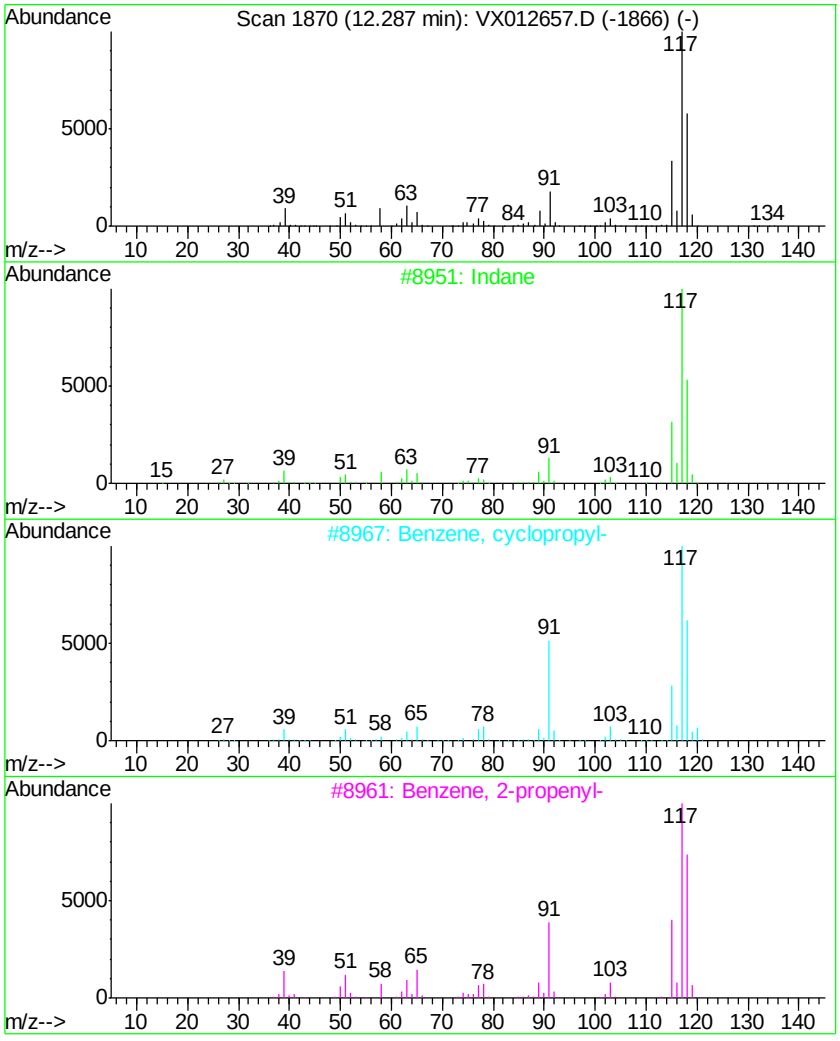
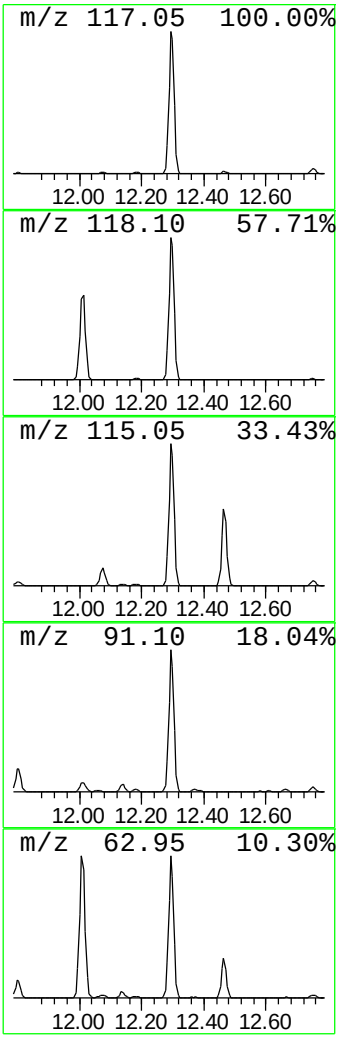
Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	370.96 ug/l	5787300	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Deltacyclene	118	C9H10	007785-10-6	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

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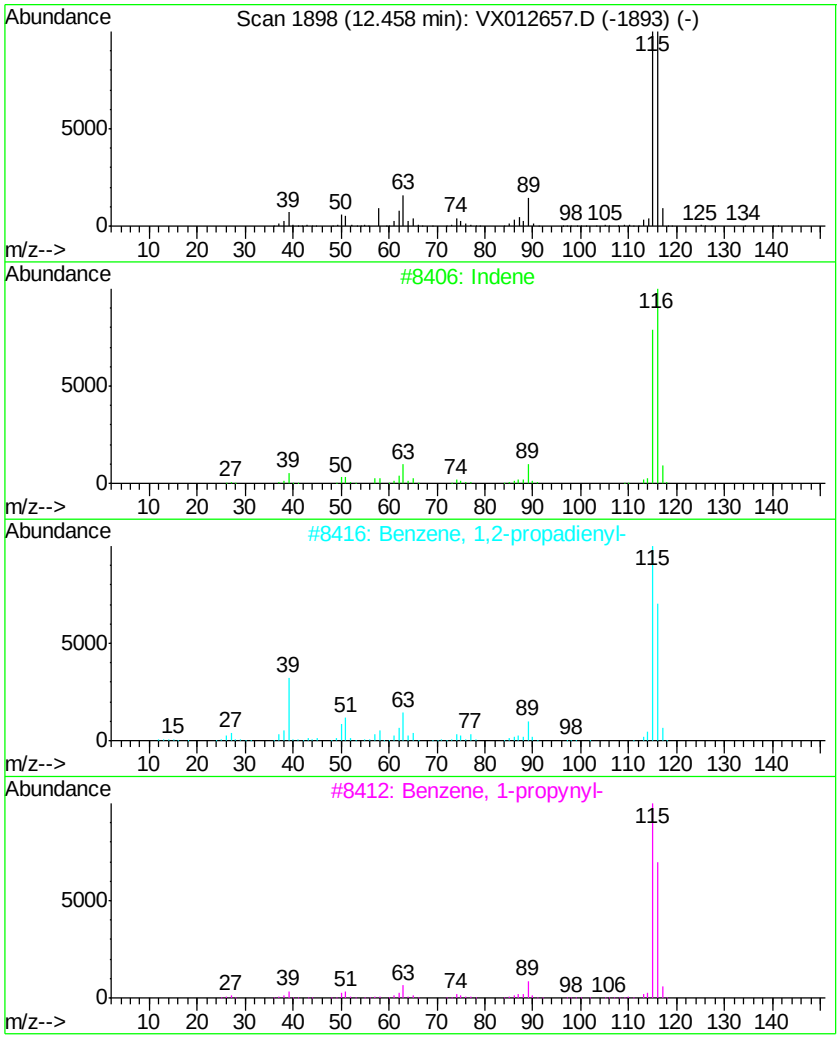
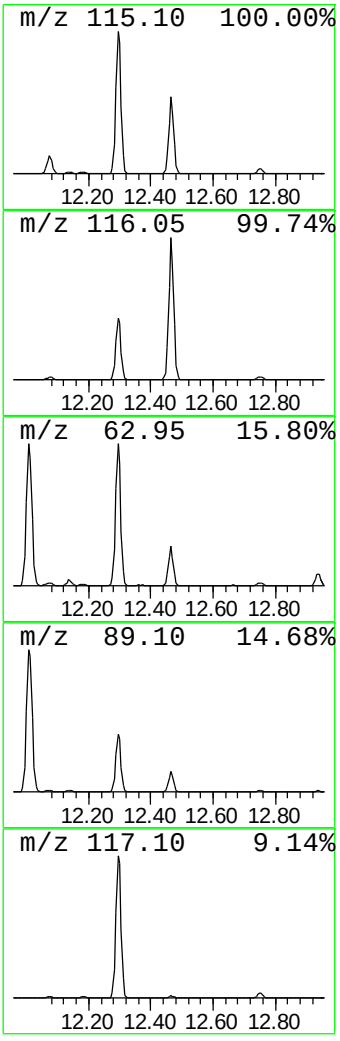
Peak Number 4 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	64.80 ug/l	1010970	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

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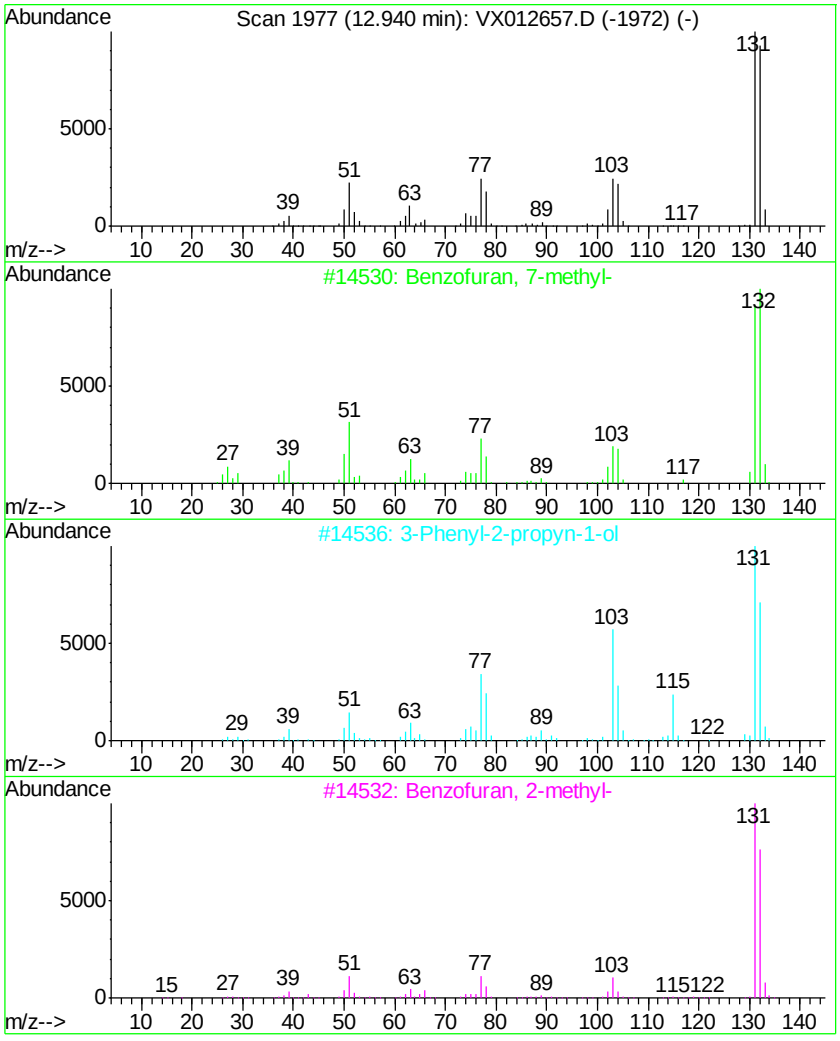
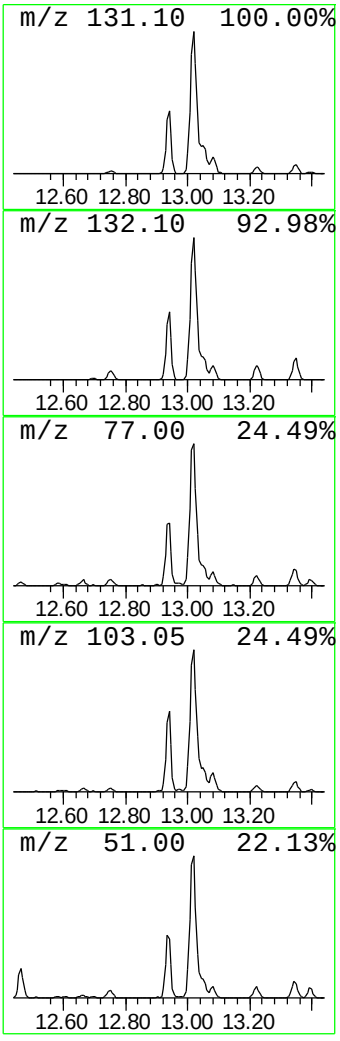
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	34.32 ug/l	535468	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

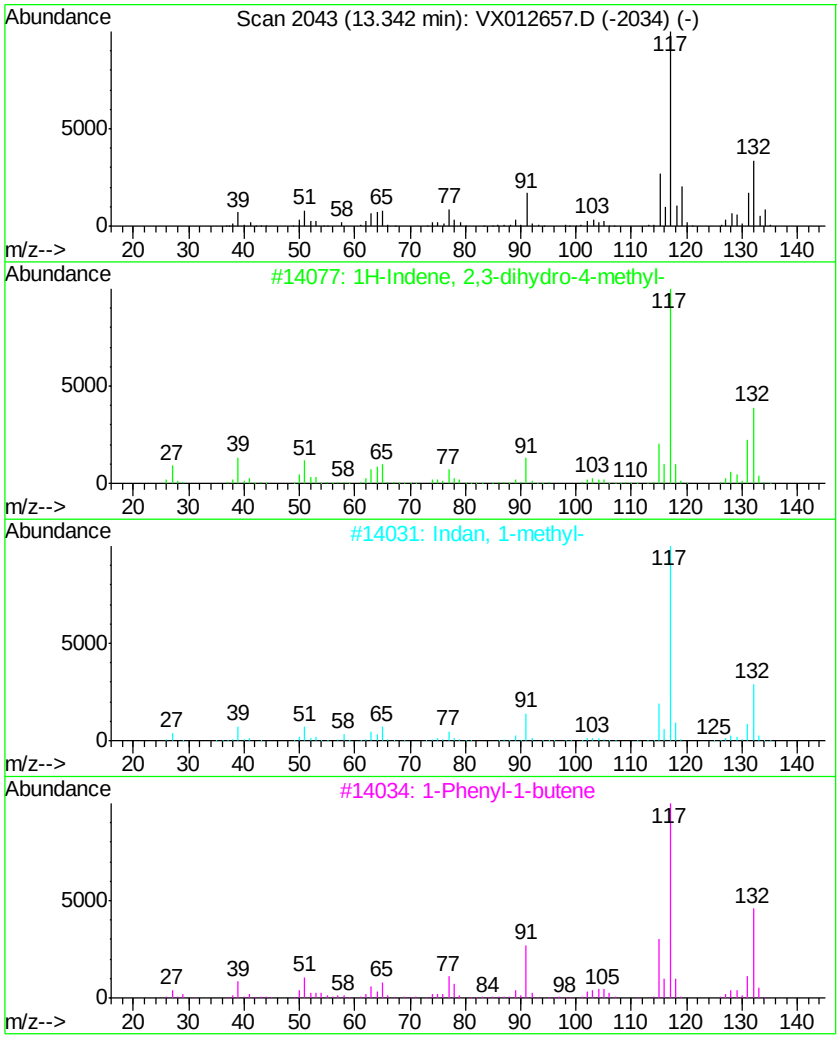
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

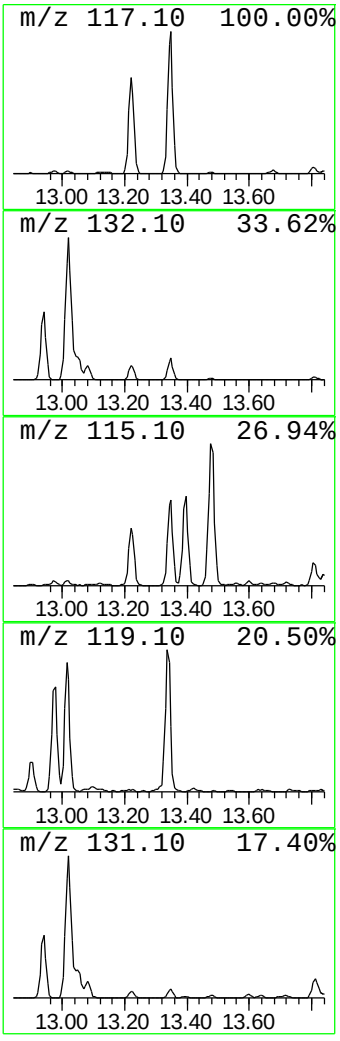
****

Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	27.13 ug/l	423288	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

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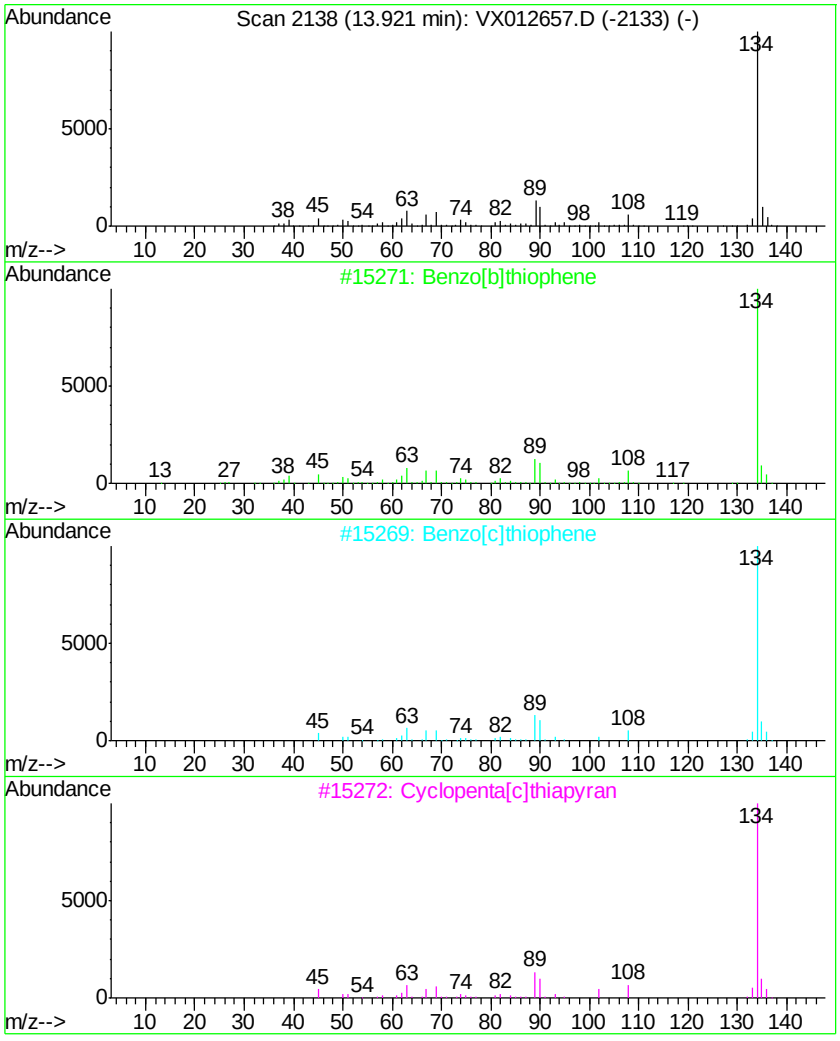
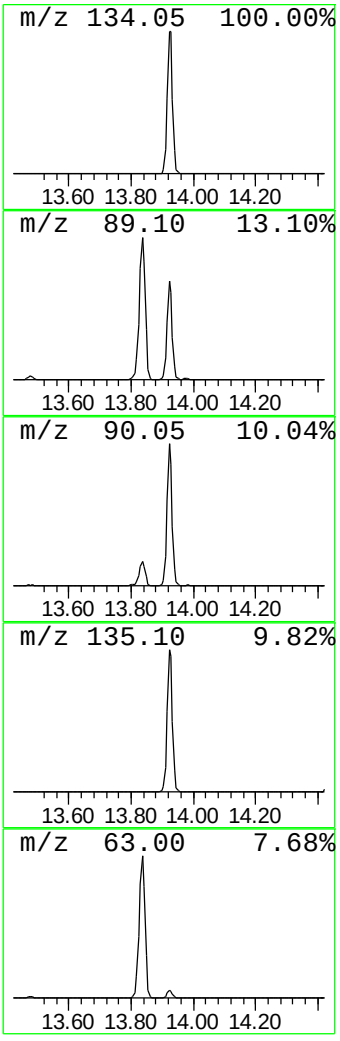
Peak Number 8 Benzo[b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	108.32 ug/l	1689880	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	42
5	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

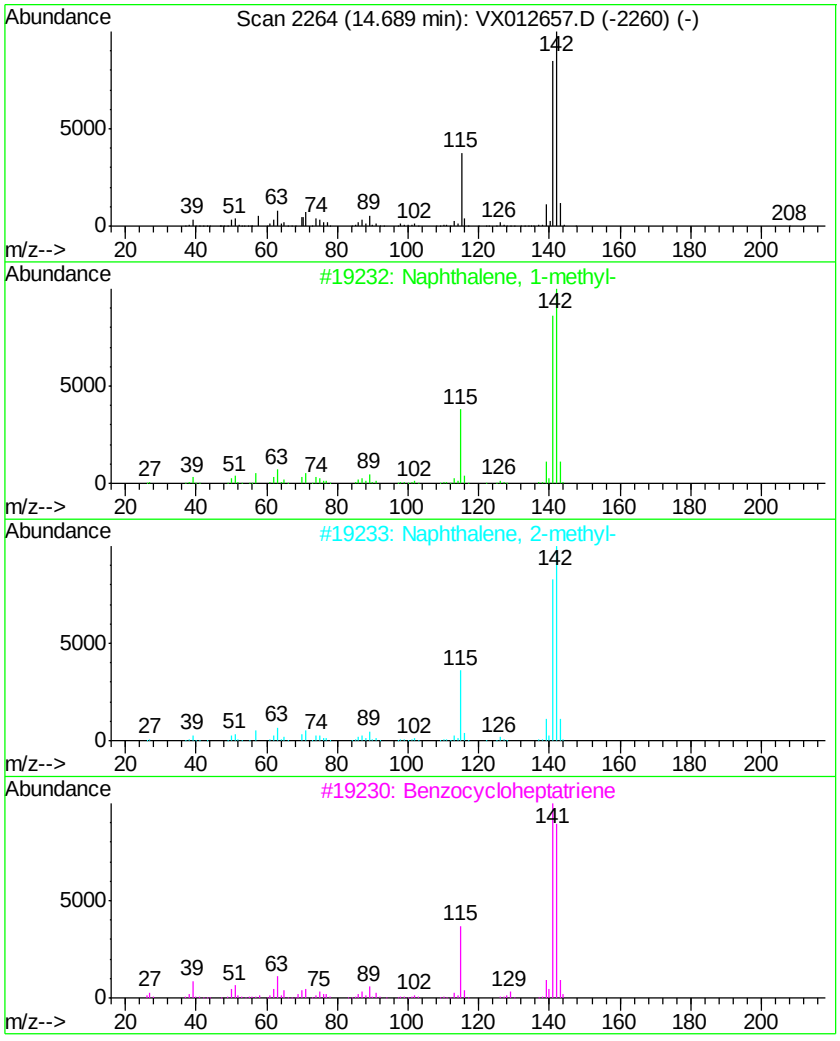
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

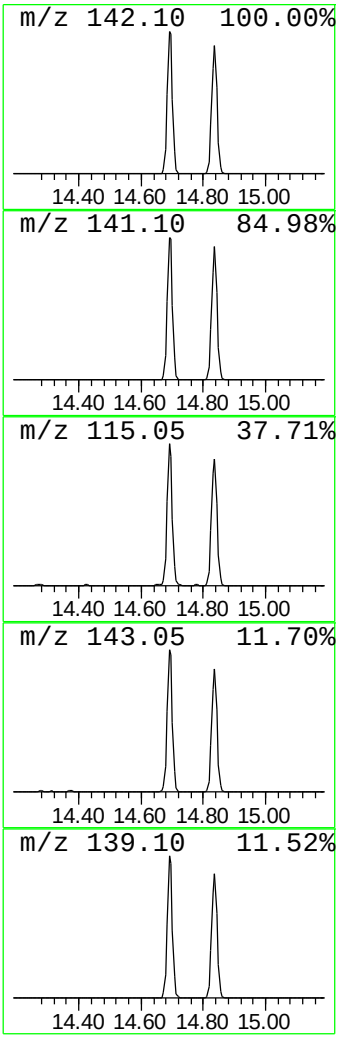
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	120.35 ug/l	1877580	1,4-Dichlorobenzene-d4	12.07

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012657.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.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
Benzofuran	12.01	131.7	ug/l	2054730	4	12.07	780048	50.0
Indane	12.29	371.0	ug/l	5787300	4	12.07	780048	50.0
Indene	12.46	64.8	ug/l	1010970	4	12.07	780048	50.0
Benzofuran, 7-met...	12.94	34.3	ug/l	535468	4	12.07	780048	50.0
1H-Indene, 2,3-di...	13.34	27.1	ug/l	423288	4	12.07	780048	50.0
Benzo[b]thiophene	13.92	108.3	ug/l	1689880	4	12.07	780048	50.0
Naphthalene, 1-me...	14.69	120.3	ug/l	1877580	4	12.07	780048	50.0