LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

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 : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.032	28	44	66	rBV	623119	802677	17.86%	5.405%
2	1.321	125	134	151	rVB	138151	155615	3.46%	1.048%
3	1.585	209	216	229	rBV	123582	144475	3.21%	0.973%
4	2.135	377	387	399	rBV	257632	371035	8.26%	2.499%
5	3.967	939	957	992	rBV3	102557	370451	8.24%	2.495%
6	4.411	1078	1095	1119	rBV	169893	422112	9.39%	2.843%
7	5.102	1292	1310	1339	rBV2	393444	975512	21.71%	6.569%
8	5.672	1469	1487	1508	rBV	289829	595560	13.25%	4.011%
9	6.128	1613	1629	1651	rBV2	212084	448469	9.98%	3.020%
10	7.038	1899	1912	1937	rBV	98308	188657	4.20%	1.270%
11	7.366	2000	2014	2028	rBV	392525	708465	15.76%	4.771%
12	7.437	2029	2036	2055	rVB2	43369	91887	2.04%	0.619%
13	7.671	2097	2109	2128	rBV	60754	108116	2.41%	0.728%
14	8.147	2242	2257	2292	rBV3	370154	967216	21.52%	6.513%
15	8.903	2479	2492	2524	rBV	449107	790430	17.59%	5.323%
16	9.060	2532	2541	2553	rBV2	35621	59689	1.33%	0.402%
17	9.186	2568	2580	2603	rBV	59155	103892	2.31%	0.700%
18	9.594	2697	2707	2725	rBV	32959	58191	1.29%	0.392%
19	10.269	2904	2917	2936	rBV	137040	223958	4.98%	1.508%
20	10.964	3123	3133	3147	rBV	34666	53938	1.20%	0.363%
21	11.302	3227	3238	3257	rBV	442037	710564	15.81%	4.785%
22	11.581	3313	3325	3344	rBV	412286	659011	14.66%	4.438%
23	11.678	3344	3355	3374	rVB	478457	768141	17.09%	5.173%
24	11.800	3381	3393	3410	rBV	116532	187267	4.17%	1.261%
25	12.520	3606	3617	3627	rBV3	44127	83267	1.85%	0.561%
26	13.559	3927	3940	3963	rBV	2994296	4494138	100.00%	30.264%
27	13.678	3964	3977	3988	rBV	109135	171907	3.83%	1.158%
28	14.690	4283	4292	4307	rBV	48303	74771	1.66%	0.504%
29	14.877	4338	4350	4362	rBV2	36675	60580	1.35%	0.408%

Sum of corrected areas: 14849991

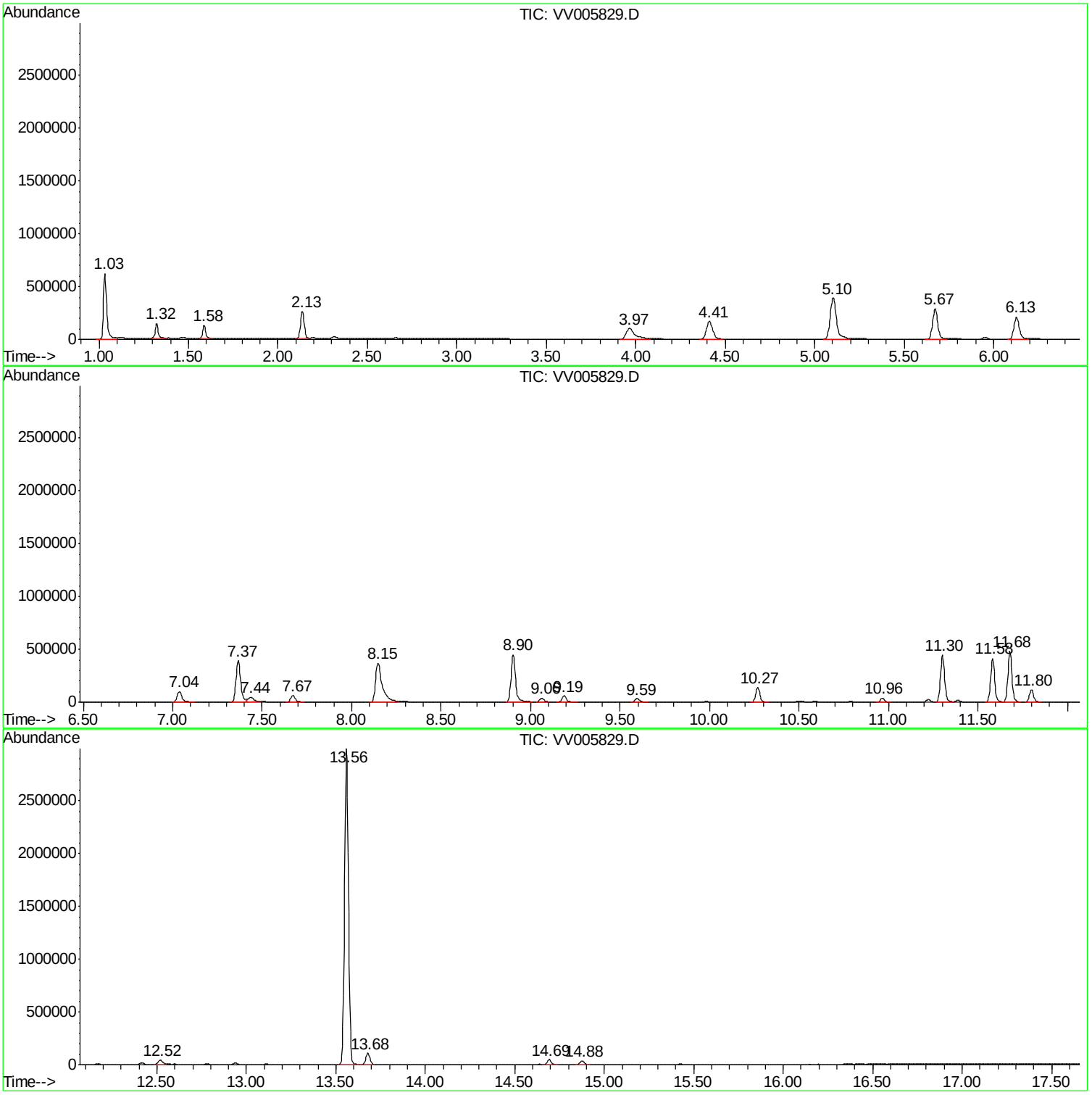
LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

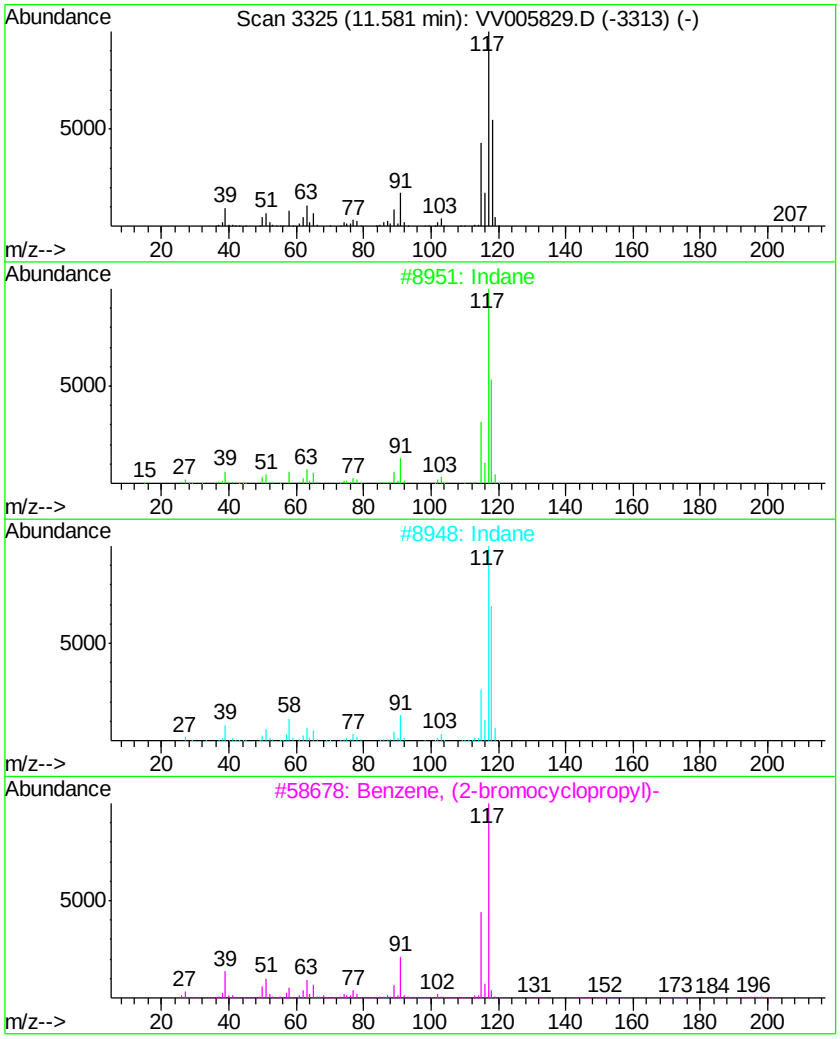
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

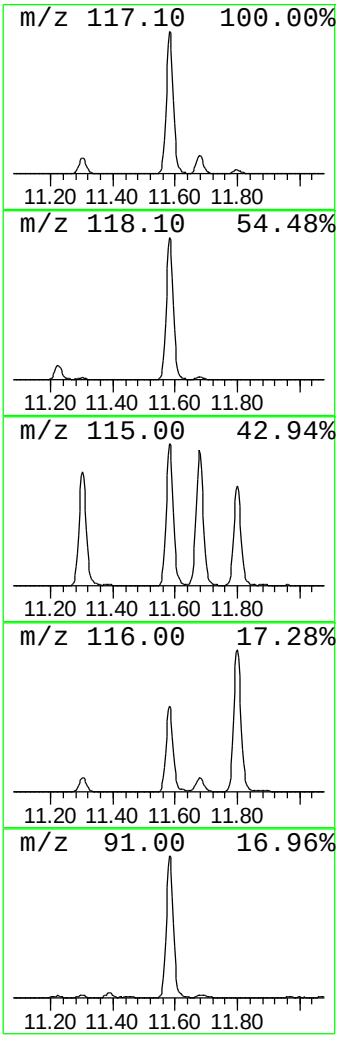
****

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	4.64 ug/L	659011	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	59





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

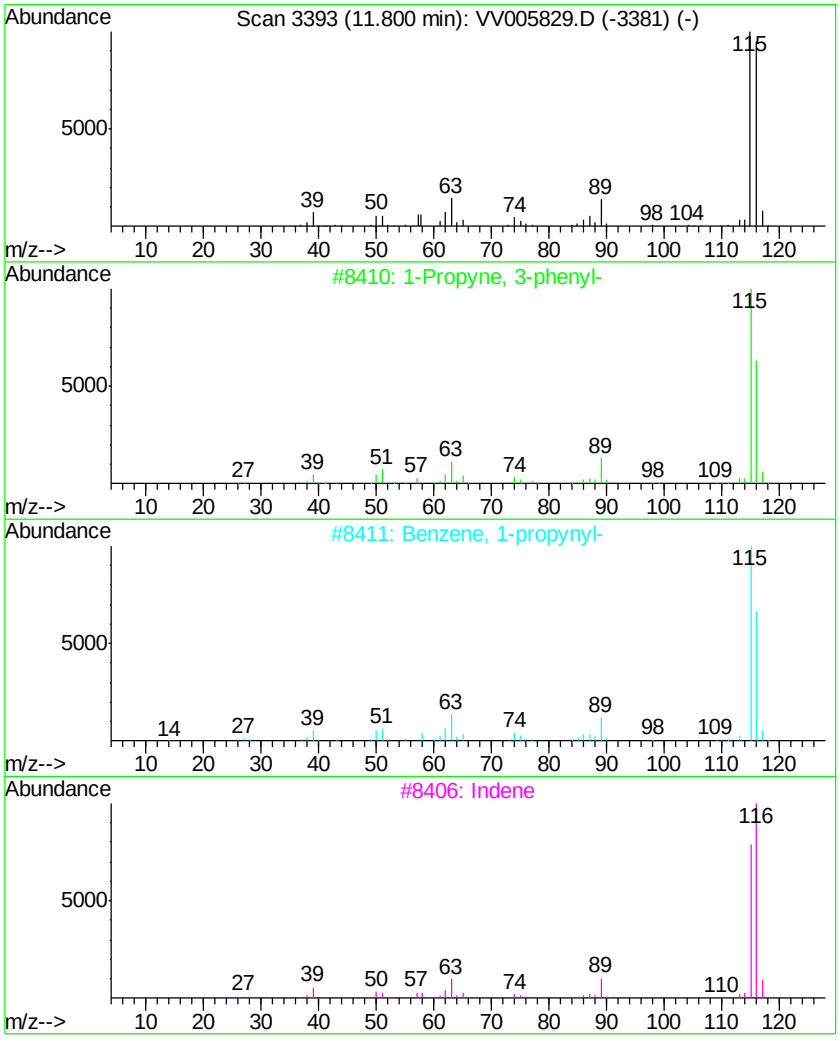
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

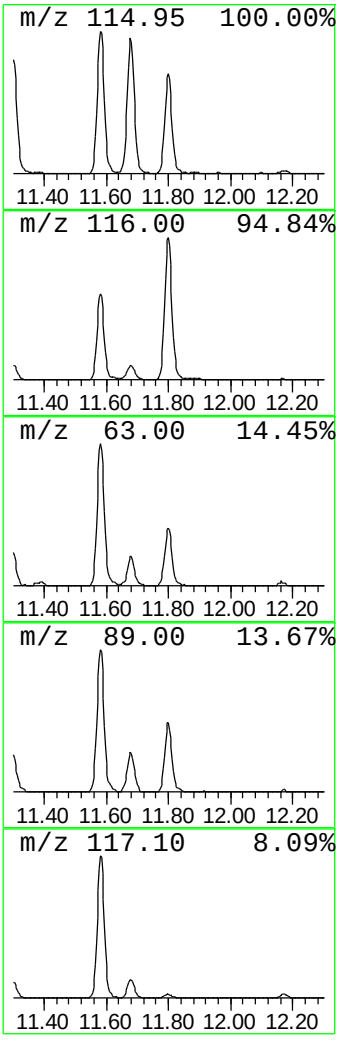
****

Peak Number 4 1-Propyne, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	1.32 ug/L	187267	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	91
4	Indene	116	C9H8	000095-13-6	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

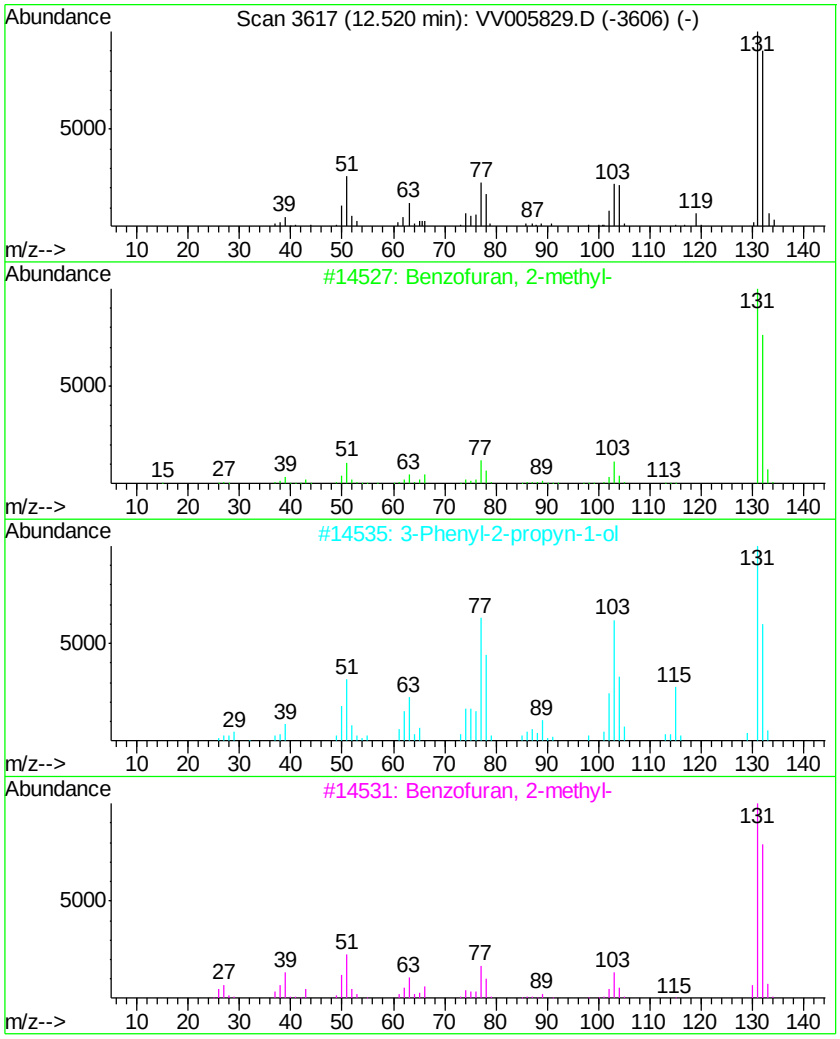
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

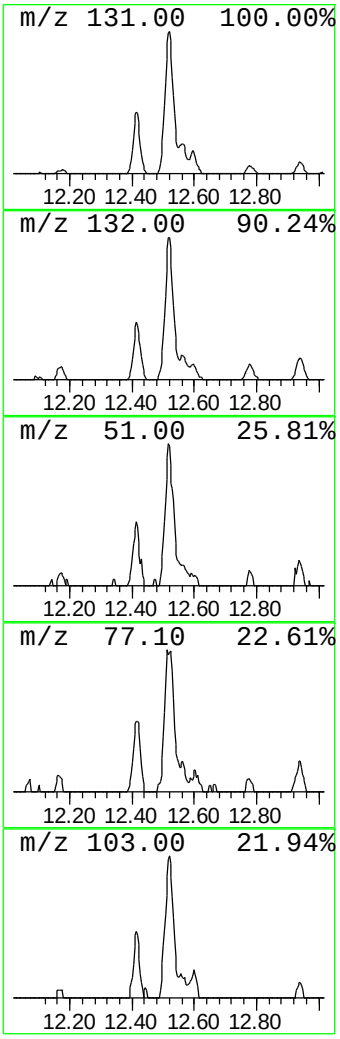
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	0.59 ug/L	83267	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

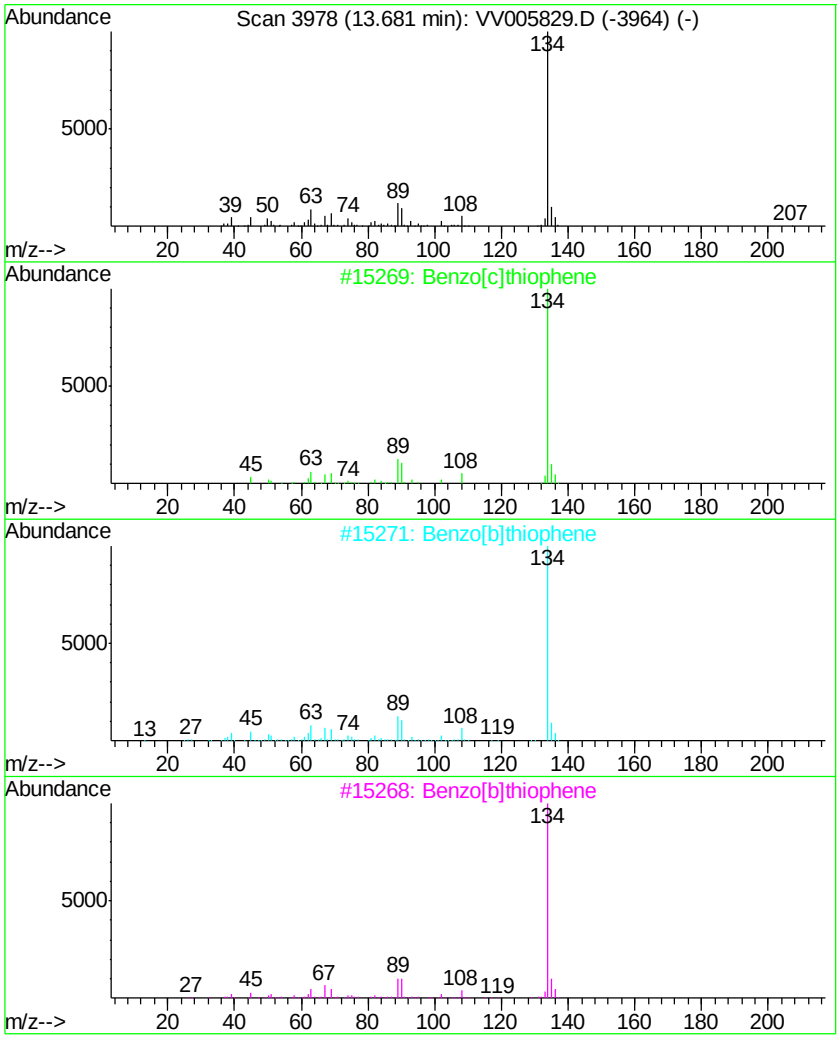
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

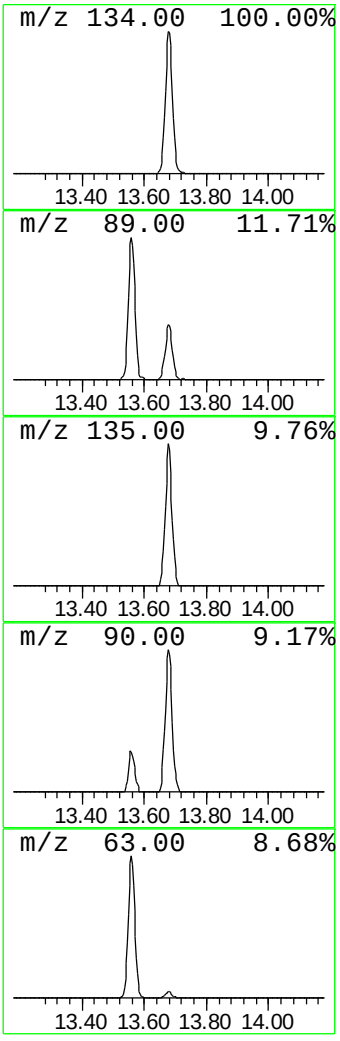
****

Peak Number 7 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	1.21 ug/L	171907	1,4-Dichlorobenzene-d4	11.30

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	97
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

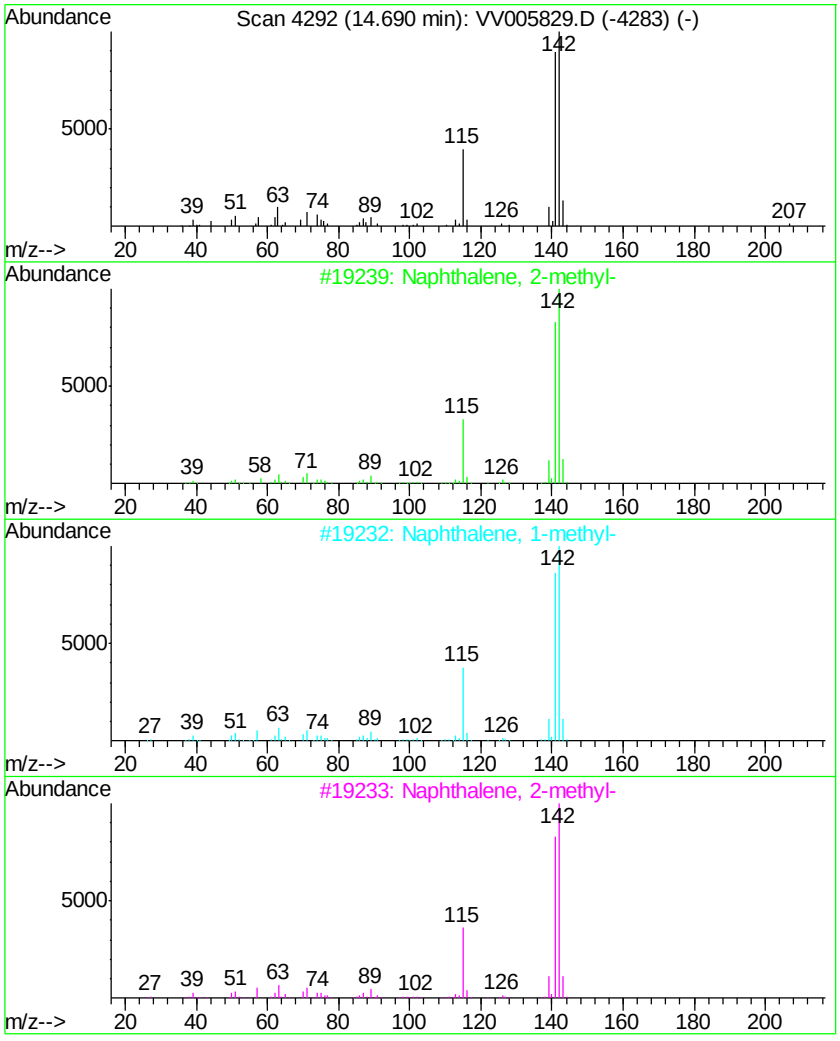
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

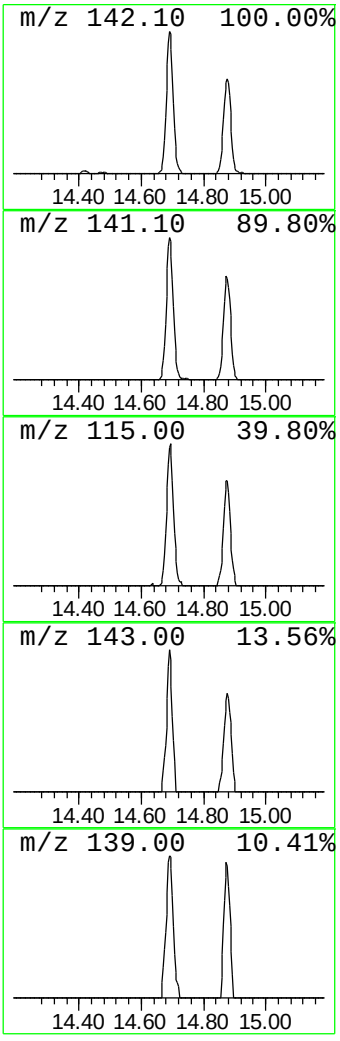
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.53 ug/L	74771	1,4-Dichlorobenzene-d4	11.30

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	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	11.58	4.6	ug/L	659011	3	11.30	710564	5.0
1-Propyne, 3-phenyl-	11.80	1.3	ug/L	187267	3	11.30	710564	5.0
Benzofuran, 2-met...	12.52	0.6	ug/L	83267	3	11.30	710564	5.0
Benzo[c]thiophene	13.68	1.2	ug/L	171907	3	11.30	710564	5.0
Naphthalene, 1-me...	14.69	0.5	ug/L	74771	3	11.30	710564	5.0