LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027285.D
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

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 : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.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	1.757	43	52	67	rBV	158861	207500	1.08%	0.254%
2	1.944	100	110	125	rBV	156106	327511	1.71%	0.401%
3	2.352	227	237	254	rVB	256077	454525	2.37%	0.556%
4	3.825	680	695	721	rBV	229593	651766	3.40%	0.798%
5	4.799	972	998	1024	rBV2	250077	969116	5.05%	1.186%
6	6.828	1584	1629	1714	rBV	5828808	19187268	100.00%	23.485%
7	7.677	1874	1893	1904	rBV	652430	1611634	8.40%	1.973%
8	7.751	1905	1916	1949	rVB	1065801	2584592	13.47%	3.164%
9	8.075	1997	2017	2020	rBV	317609	661478	3.45%	0.810%
10	8.120	2022	2031	2061	rVB	869737	2074925	10.81%	2.540%
11	8.680	2188	2205	2242	rBV	1669547	3493972	18.21%	4.277%
12	10.191	2656	2675	2691	rBV	3036191	5471136	28.51%	6.697%
13	11.516	3073	3087	3103	rBV	2315784	3944793	20.56%	4.828%
14	11.619	3108	3119	3133	rVB	257867	438238	2.28%	0.536%
15	11.738	3144	3156	3177	rVB3	183954	377489	1.97%	0.462%
16	12.345	3332	3345	3378	rBV	2774188	5061897	26.38%	6.196%
17	12.516	3386	3398	3416	rVB	1970016	3269424	17.04%	4.002%
18	12.705	3447	3457	3468	rVB	211294	346104	1.80%	0.424%
19	12.847	3494	3501	3511	rVB	161992	257613	1.34%	0.315%
20	13.008	3540	3551	3563	rVB	344730	564030	2.94%	0.690%
21	13.159	3587	3598	3611	rVB	1054275	1665773	8.68%	2.039%
22	13.467	3683	3694	3715	rVB2	1937000	3794339	19.78%	4.644%
23	13.631	3736	3745	3749	rBV2	141830	212088	1.11%	0.260%
24	13.670	3749	3757	3766	rVV	607665	892030	4.65%	1.092%
25	13.927	3828	3837	3842	rBV	185770	291911	1.52%	0.357%
26	13.956	3842	3846	3855	rVV	155452	214802	1.12%	0.263%
27	14.014	3855	3864	3874	rVV	475716	717038	3.74%	0.878%
28	14.078	3874	3884	3889	rVV	169968	264529	1.38%	0.324%
29	14.123	3889	3898	3909	rVB2	568320	980159	5.11%	1.200%
30	14.258	3929	3940	3949	rBV3	164335	281773	1.47%	0.345%
31	14.339	3955	3965	3970	rBV	452273	729189	3.80%	0.893%
32	14.377	3971	3977	3986	rVV2	511003	811718	4.23%	0.994%
33	14.612	4041	4050	4059	rBV2	363284	567924	2.96%	0.695%
34	14.731	4072	4087	4097	rBV3	1178862	2617783	13.64%	3.204%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027285.D
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

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 : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Title : SW846 8260

35	14.882	4126	4134	4148	rBV3	201456	346977	1.81%	0.425%
36	14.988	4149	4167	4174	rBV6	395066	947426	4.94%	1.160%
37	15.101	4190	4202	4214	rVB3	473974	1064280	5.55%	1.303%
38	15.287	4249	4260	4272	rVB	1283984	2227855	11.61%	2.727%
39	15.393	4284	4293	4302	rBV6	190489	375830	1.96%	0.460%
40	15.448	4305	4310	4328	rVB2	169001	326716	1.70%	0.400%
41	15.580	4339	4351	4363	rBV	300754	567976	2.96%	0.695%
42	15.750	4392	4404	4432	rVB3	280729	811970	4.23%	0.994%
43	15.872	4433	4442	4452	rBV4	121273	225354	1.17%	0.276%
44	15.953	4456	4467	4476	rVV3	157570	314547	1.64%	0.385%
45	16.101	4501	4513	4534	rBV5	171787	399065	2.08%	0.488%
46	16.297	4560	4574	4582	rBV	171937	376070	1.96%	0.460%
47	16.361	4582	4594	4621	rVB	1339402	2974626	15.50%	3.641%
48	16.564	4640	4657	4681	rBV	2165236	4744571	24.73%	5.807%

Sum of corrected areas: 81699330

LSC Report - Integrated Chromatogram

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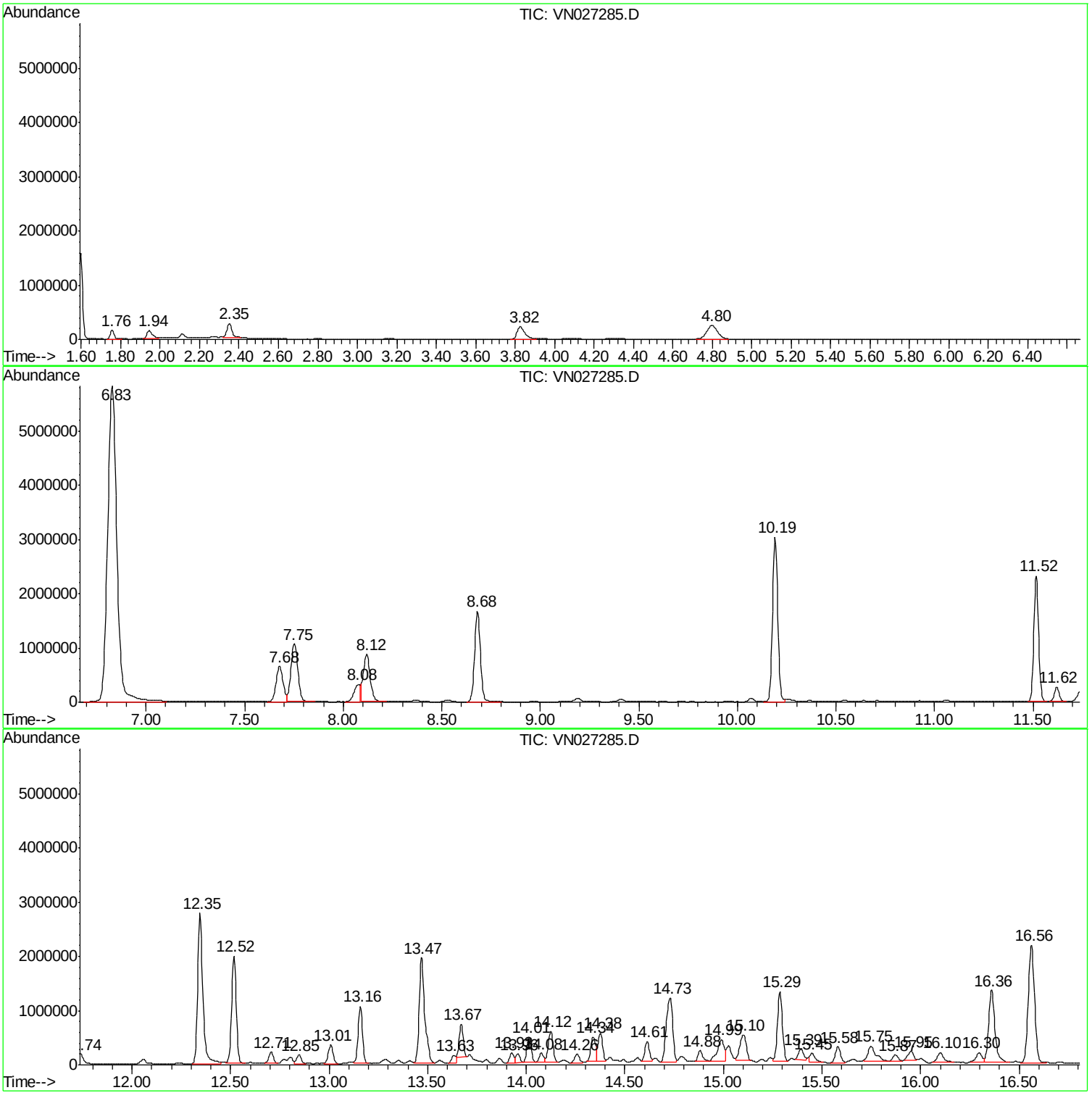
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027285.D
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

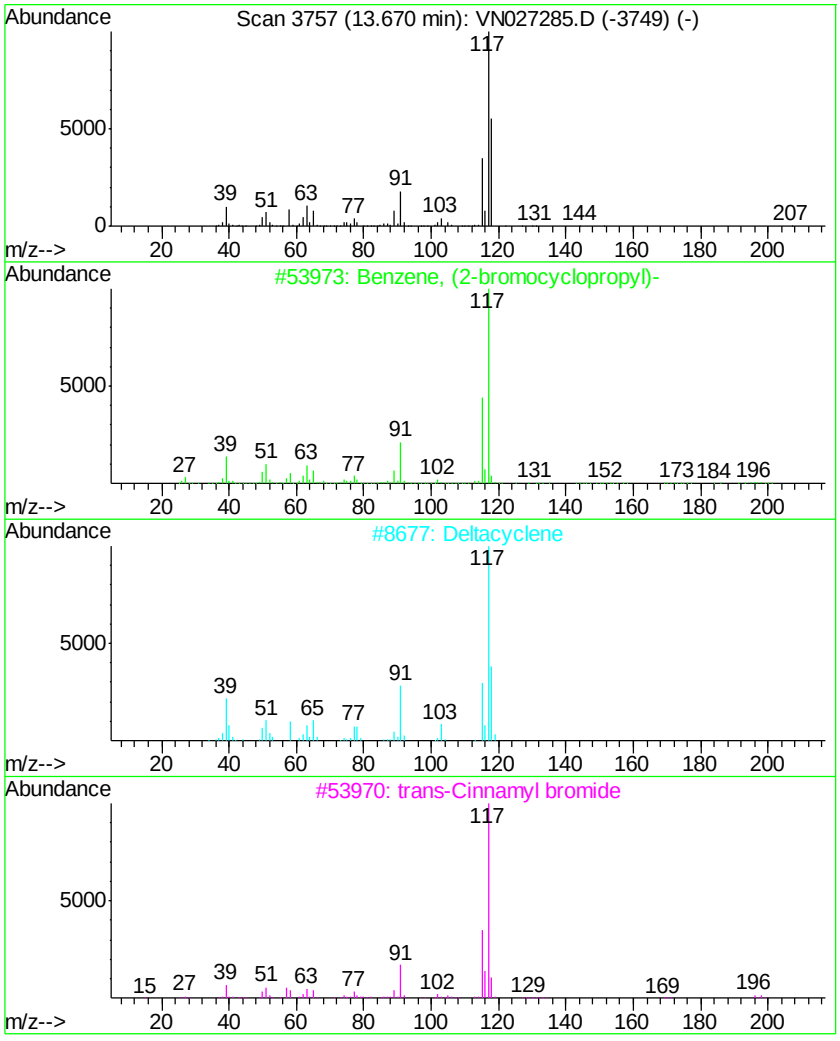
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

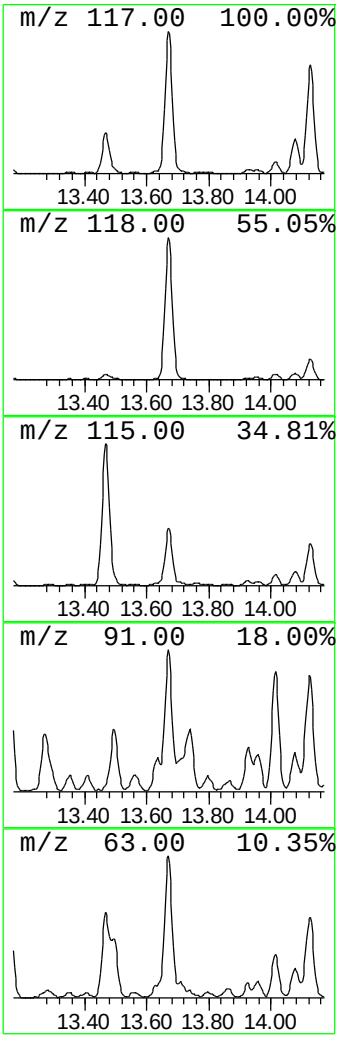
****

Peak Number 2 Benzene, (2-bromocyclopropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	11.75 ug/l	892030	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
2	Deltacyclene	118	C9H10	007785-10-6	64
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
5	Indole	117	C8H7N	000120-72-9	43





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027285.D
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

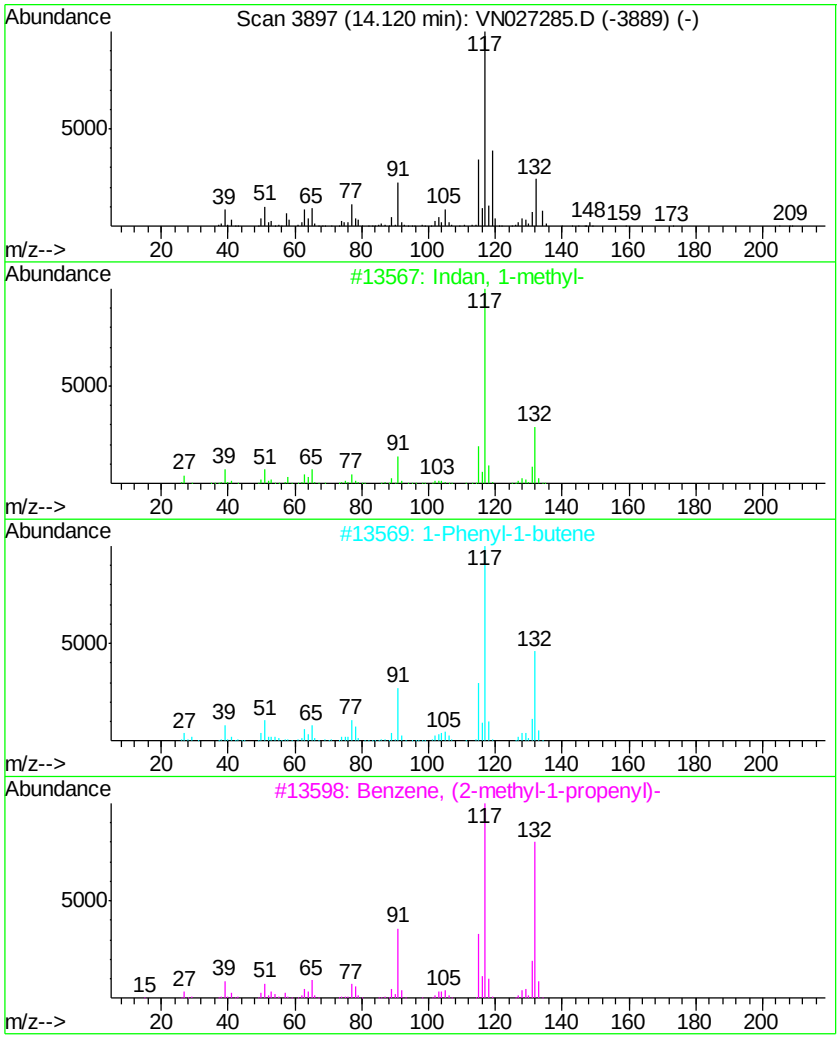
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

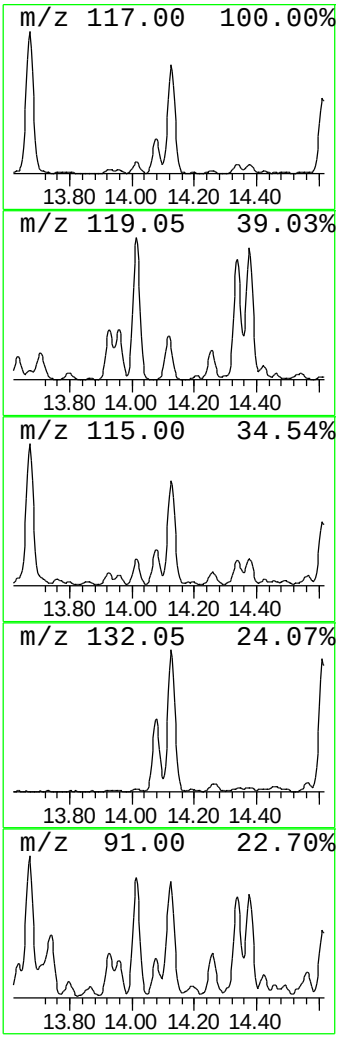
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	12.92 ug/l	980159	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	68





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027285.D
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

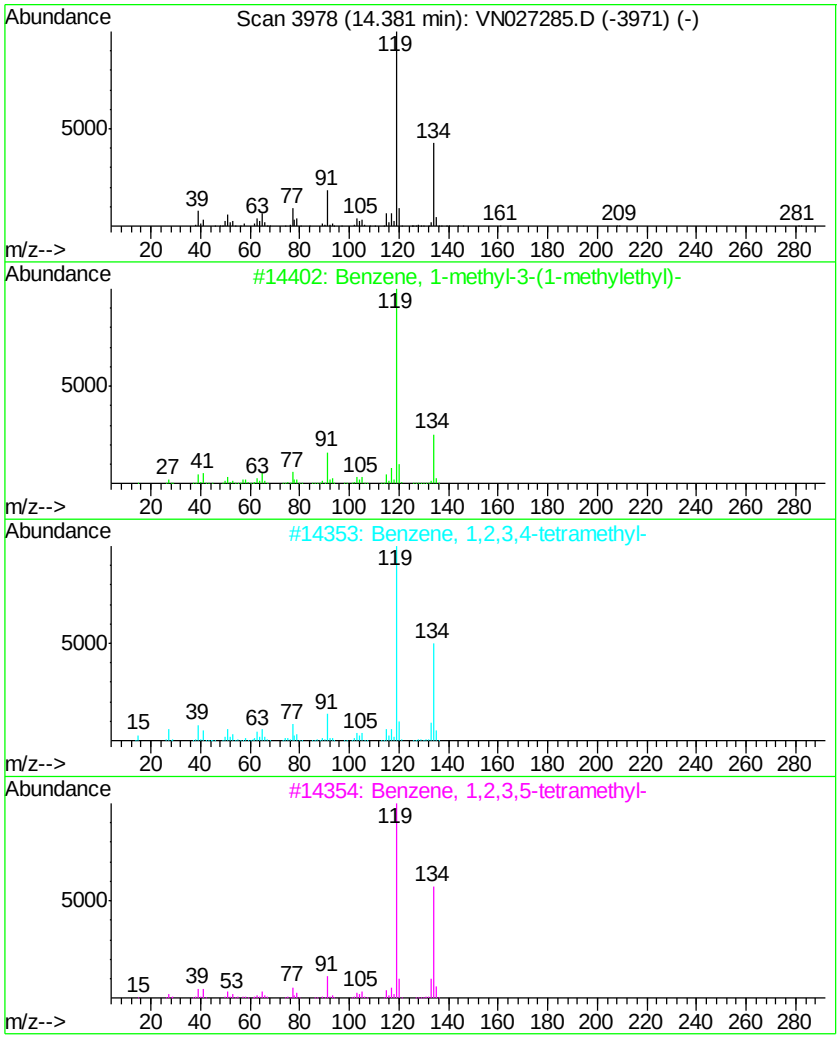
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

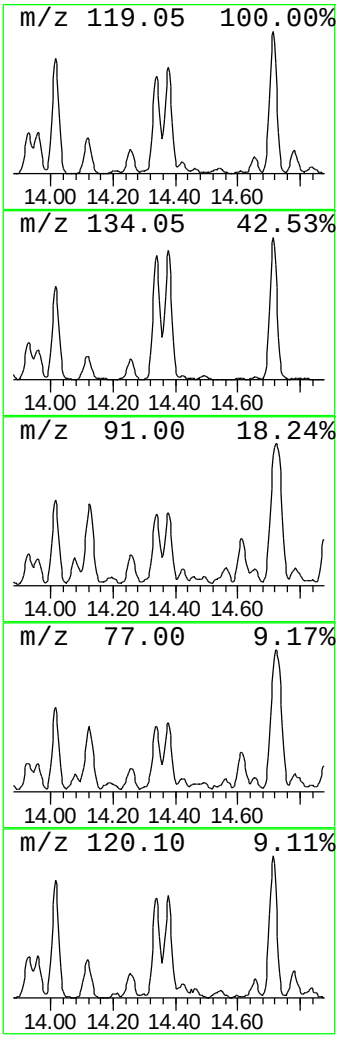
****

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	10.70 ug/l	811718	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027285.D
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

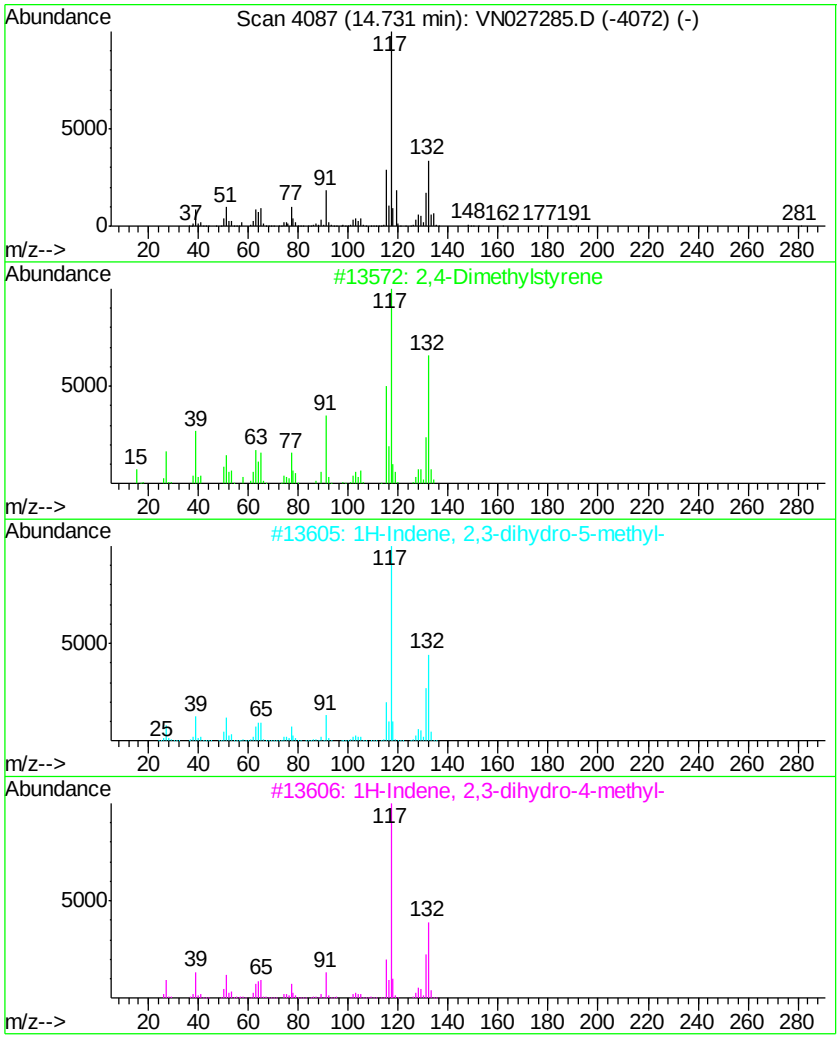
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

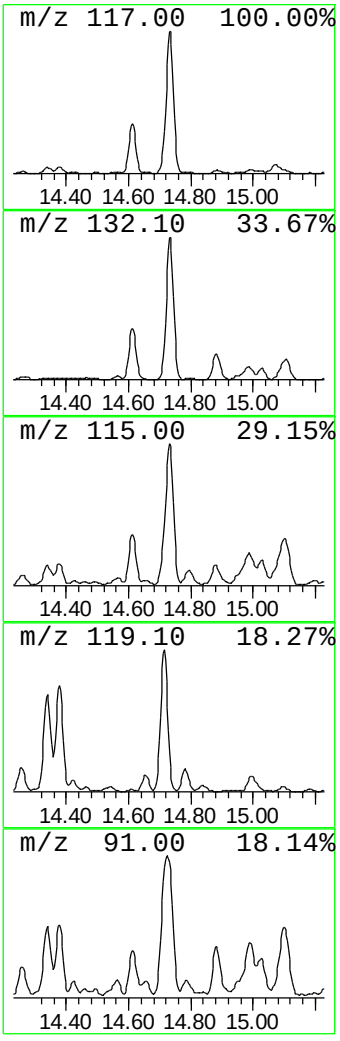
****

Peak Number 5 2,4-Dimethylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	34.50 ug/l	2617780	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





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Sample : G3706-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-9

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

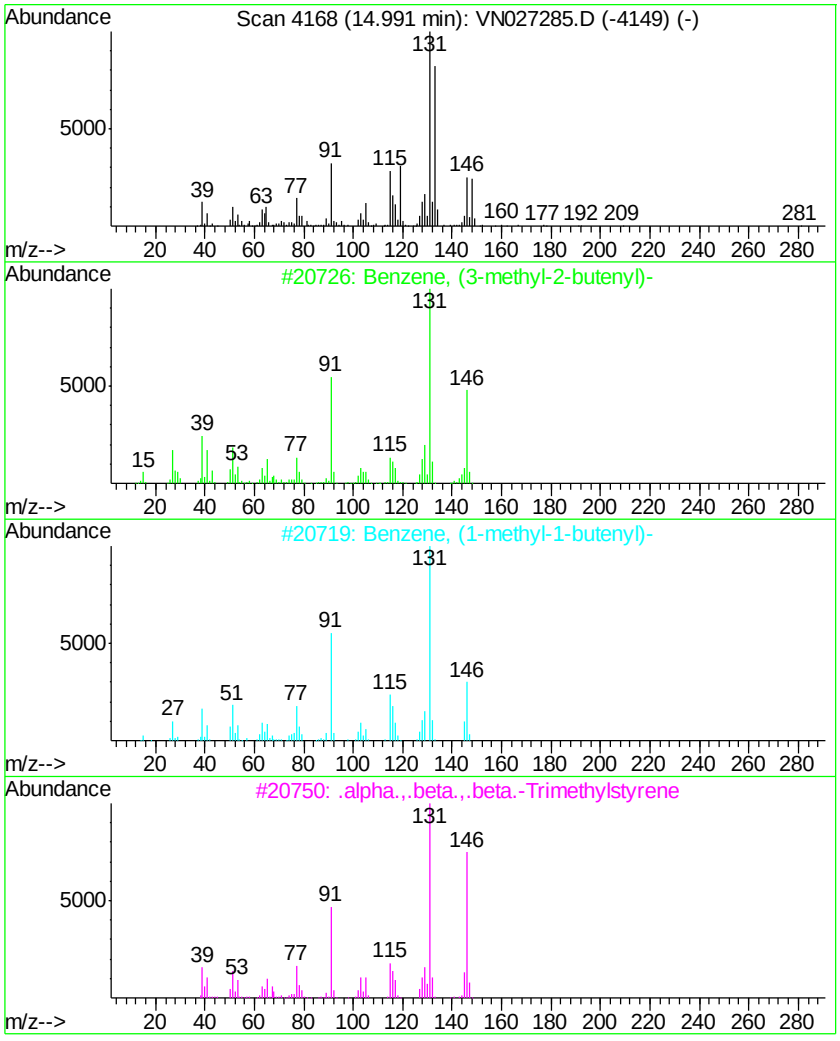
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

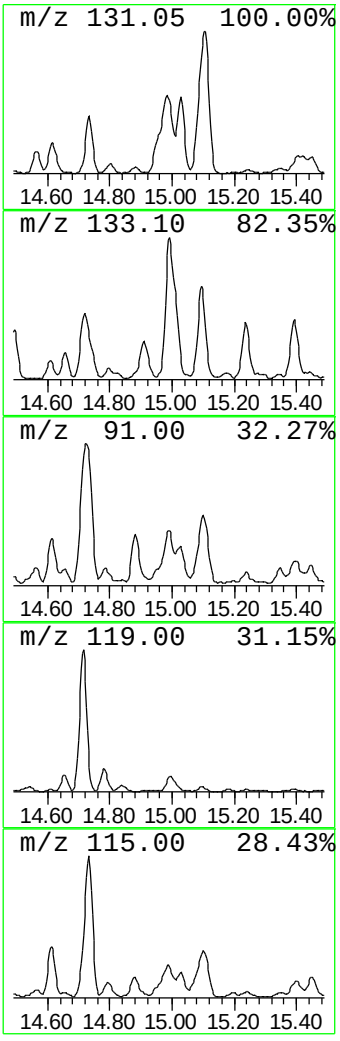
****

Peak Number 6 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	12.48 ug/l	947426	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	89
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	86





Library Search Compound Report

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ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId : MW-9

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

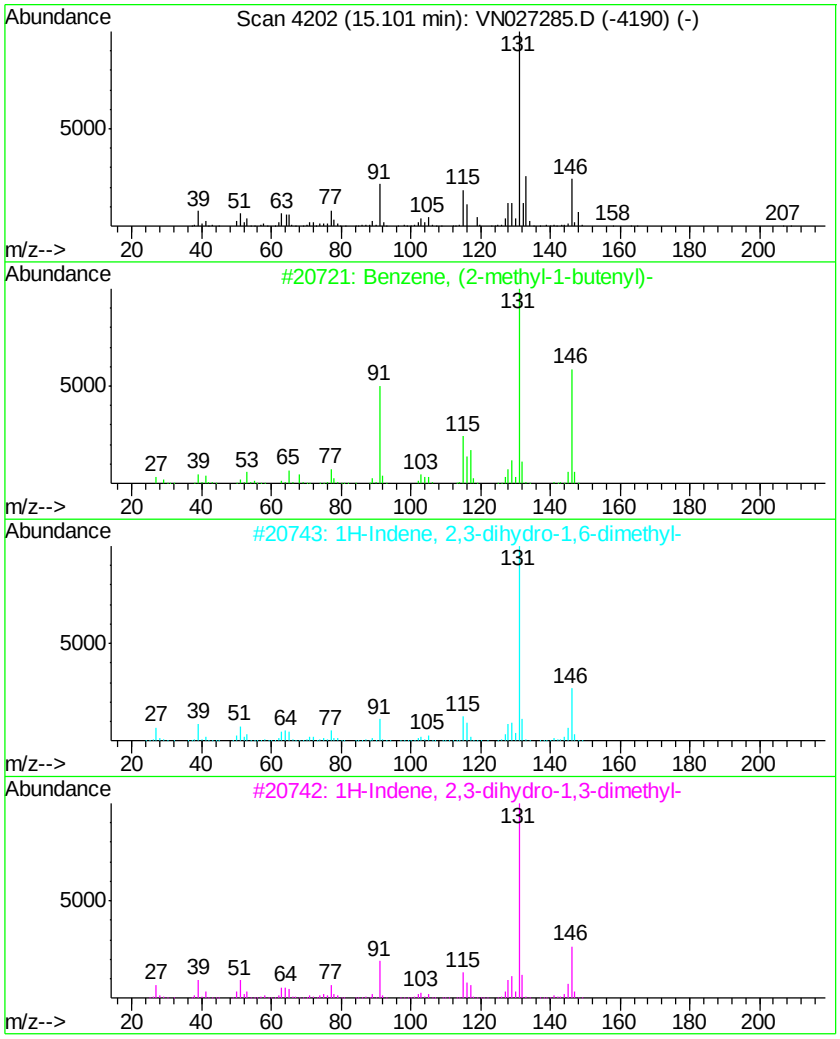
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

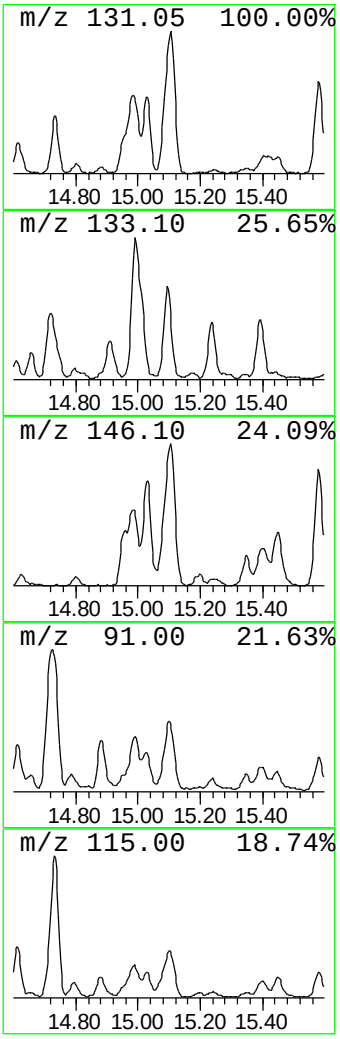
****

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	14.02 ug/l	1064280	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	87





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Quant Title : SW846 8260

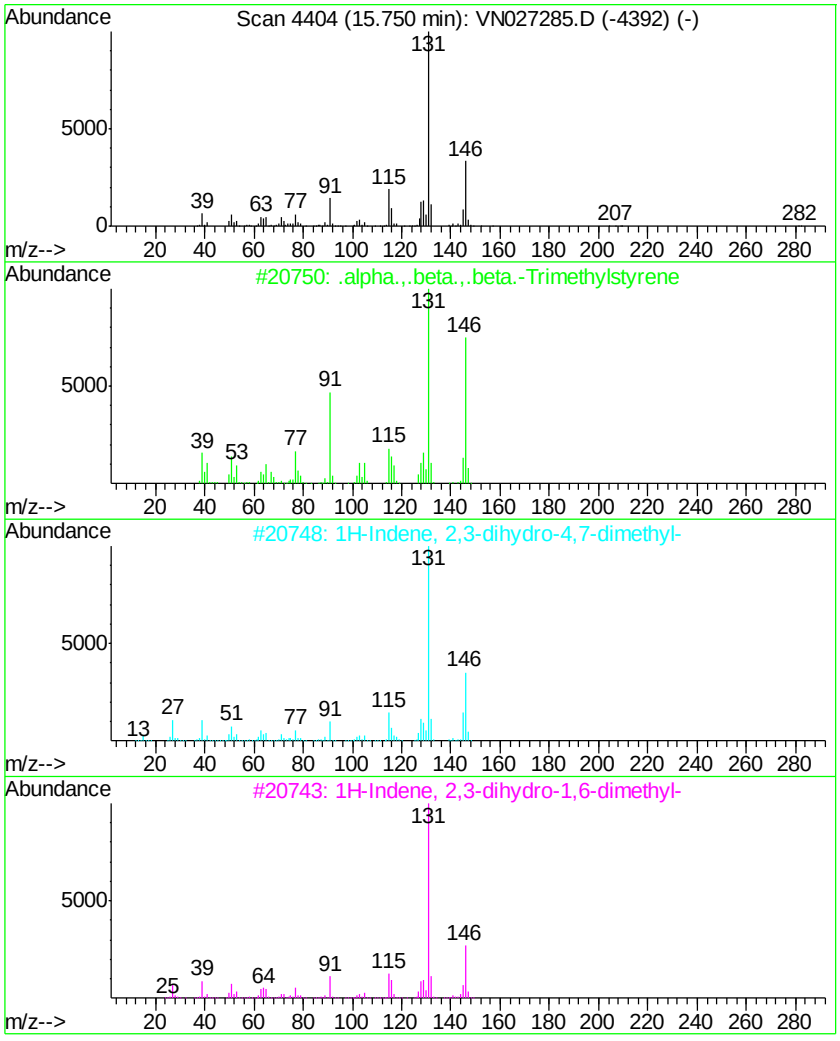
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

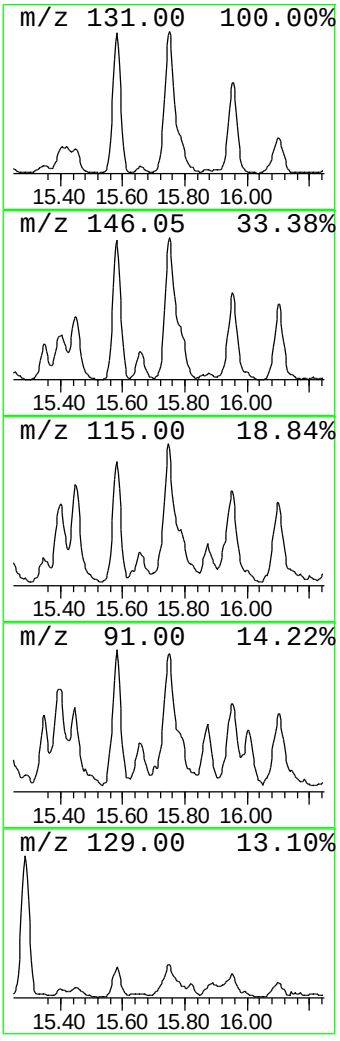
****

Peak Number 8 .alpha.,.beta.,.beta.-Trime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	10.70 ug/l	811970	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027285.D
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ALS Vial : 44 Sample Multiplier: 1

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Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (2-bromo...	13.67	11.8	ug/l	892030	4	13.47	3794340	50.0
Indan, 1-methyl-	14.12	12.9	ug/l	980159	4	13.47	3794340	50.0
Benzene, 1-methyl...	14.38	10.7	ug/l	811718	4	13.47	3794340	50.0
2,4-Dimethylstyrene	14.73	34.5	ug/l	2617780	4	13.47	3794340	50.0
Benzene, (3-methy...	14.99	12.5	ug/l	947426	4	13.47	3794340	50.0
Benzene, (2-methy...	15.10	14.0	ug/l	1064280	4	13.47	3794340	50.0
.alpha.,.beta.,.b...	15.75	10.7	ug/l	811970	4	13.47	3794340	50.0