LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

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\82N092115W.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	1.944	100	110	125	rBV	93069	180538	3.43%	0.390%
2	7.677	1875	1893	1905	rBV3	634516	1591068	30.23%	3.437%
3	7.754	1905	1917	1944	rVB	1029916	2432512	46.21%	5.254%
4	8.120	2012	2031	2065	rBV2	890698	2238760	42.53%	4.836%
5	8.680	2188	2205	2227	rBV	1633932	3423899	65.04%	7.396%
6	9.715	2516	2527	2541	rBV2	28486	54334	1.03%	0.117%
7	10.191	2658	2675	2687	rBV	2896948	5264071	100.00%	11.370%
8	10.255	2687	2695	2717	rVB	407761	766244	14.56%	1.655%
9	10.898	2884	2895	2905	rBV2	134224	242905	4.61%	0.525%
10	11.516	3072	3087	3103	rVV	2273424	3905501	74.19%	8.436%
11	11.619	3107	3119	3135	rVB	781451	1292957	24.56%	2.793%
12	11.725	3138	3152	3171	rVB	1122045	2111183	40.11%	4.560%
13	12.059	3243	3256	3270	rBV	527159	921504	17.51%	1.990%
14	12.361	3338	3350	3363	rBV	294660	473395	8.99%	1.023%
15	12.519	3383	3399	3415	rBV	1976547	3239694	61.54%	6.998%
16	12.770	3465	3477	3485	rBV	1026762	1695894	32.22%	3.663%
17	12.847	3495	3501	3513	rVB	94821	148617	2.82%	0.321%
18	13.008	3540	3551	3570	rBV	142398	263756	5.01%	0.570%
19	13.159	3570	3598	3606	rBV	354010	612996	11.64%	1.324%
20	13.207	3606	3613	3623	rVB	196035	304663	5.79%	0.658%
21	13.262	3623	3630	3646	rVB4	42183	84212	1.60%	0.182%
22	13.352	3646	3658	3668	rBV	1119057	1732323	32.91%	3.742%
23	13.409	3668	3676	3683	rVB	198584	289344	5.50%	0.625%
24	13.467	3683	3694	3712	rBV2	1931426	3542644	67.30%	7.652%
25	13.538	3712	3716	3734	rVB4	38577	71022	1.35%	0.153%
26	13.631	3734	3745	3752	rBV	269532	436611	8.29%	0.943%
27	13.667	3752	3756	3764	rVB4	96937	128038	2.43%	0.277%
28	13.850	3801	3813	3827	rVB	543213	902683	17.15%	1.950%
29	13.956	3841	3846	3856	rVB7	35014	54122	1.03%	0.117%
30	14.014	3856	3864	3870	rBV	54205	75120	1.43%	0.162%
31	14.104	3883	3892	3903	rBV	371368	599376	11.39%	1.295%
32	14.252	3928	3938	3948	rVB7	40643	85557	1.63%	0.185%
33	14.387	3969	3980	3981	rBV3	82280	111653	2.12%	0.241%
34	14.490	4003	4012	4017	rBV5	64962	114141	2.17%	0.247%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

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\82N092115W.M
Title : SW846 8260

35	14.525	4018	4023	4035	rVB	130181	195325	3.71%	0.422%
36	14.612	4038	4050	4060	rBV2	42047	76116	1.45%	0.164%
37	14.728	4075	4086	4096	rVB3	51218	103415	1.96%	0.223%
38	14.795	4096	4107	4119	rBV	356151	595559	11.31%	1.286%
39	14.876	4121	4132	4153	rVB2	387584	740564	14.07%	1.600%
40	14.982	4153	4165	4176	rBV4	97198	195566	3.72%	0.422%
41	15.220	4224	4239	4247	rBV4	25456	69896	1.33%	0.151%
42	15.287	4247	4260	4278	rVB	1747464	3053333	58.00%	6.595%
43	16.168	4525	4534	4559	rVB4	70519	172715	3.28%	0.373%
44	16.358	4580	4593	4612	rVB	380676	819269	15.56%	1.770%
45	16.560	4640	4656	4673	rBV	393210	883863	16.79%	1.909%

Sum of corrected areas: 46296958

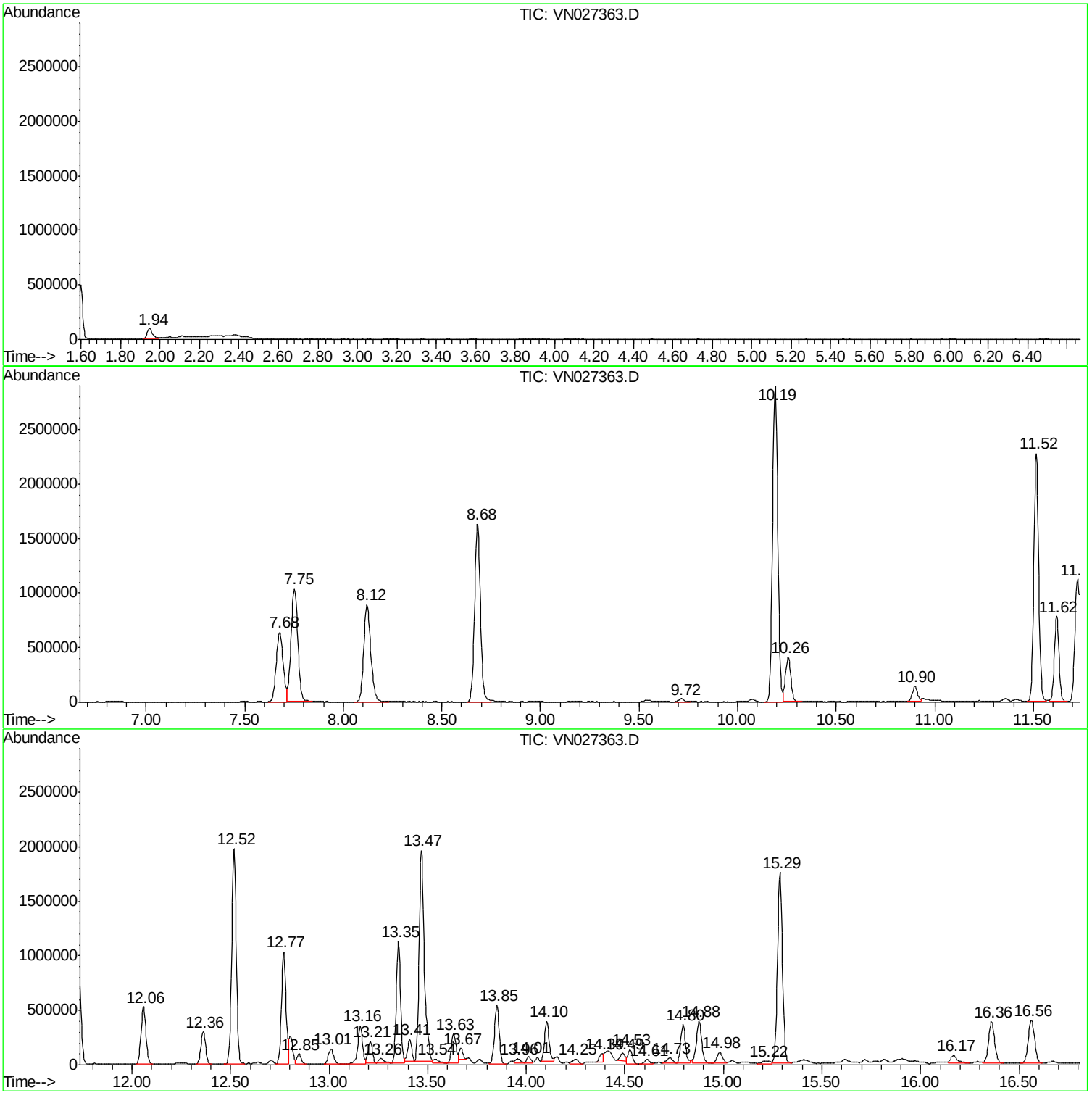
LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.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\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

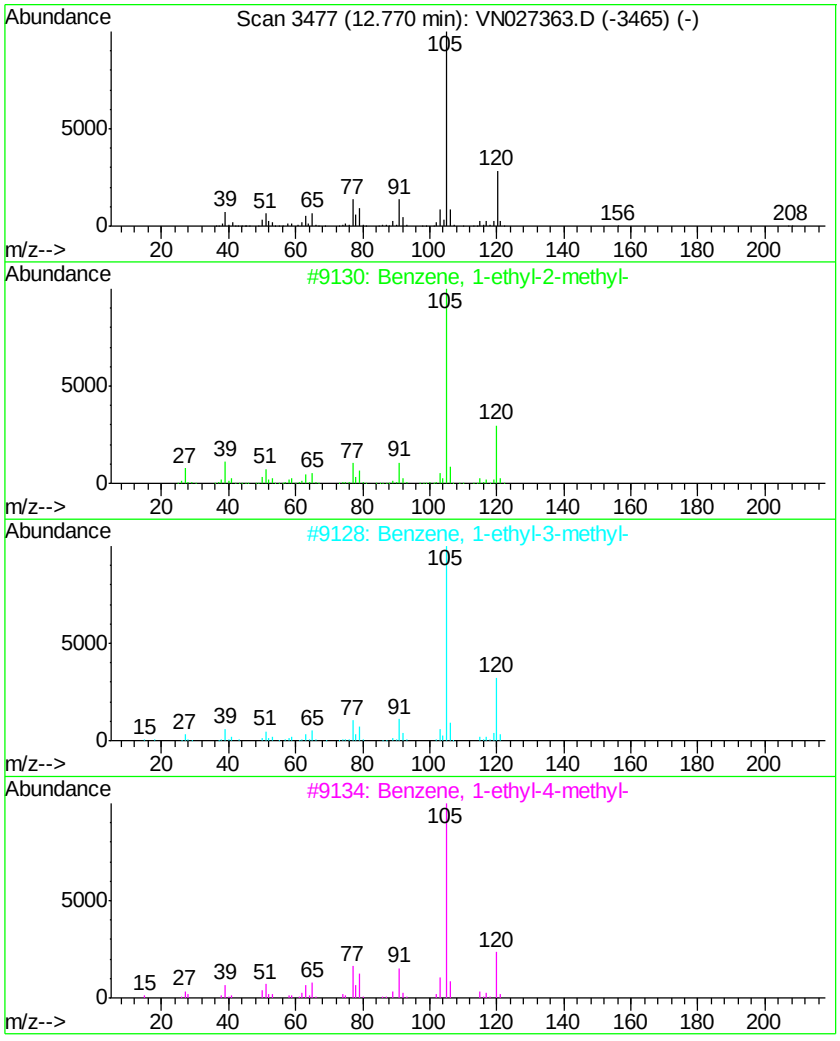
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

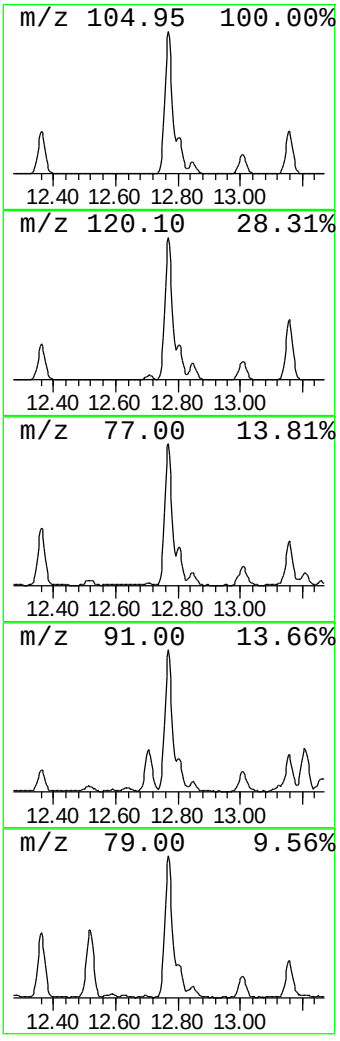
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	23.94 ug/l	1695890	1,4-Dichlorobenzene-d4	13.47

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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

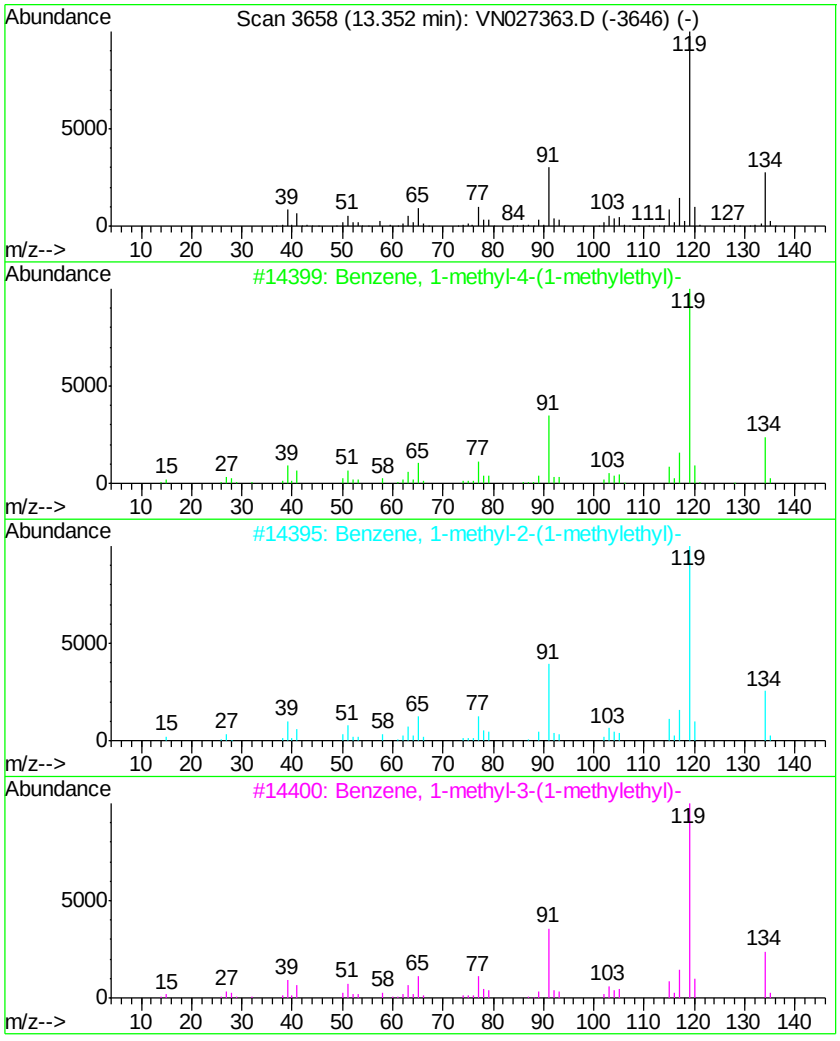
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

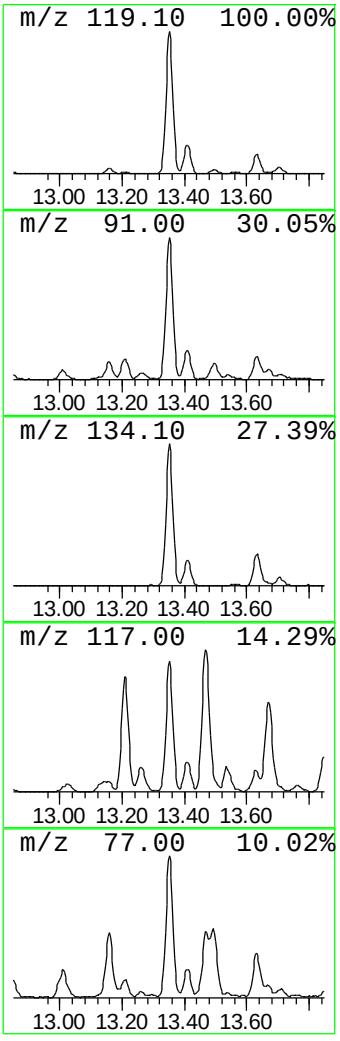
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-4-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	24.45 ug/l	1732320	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

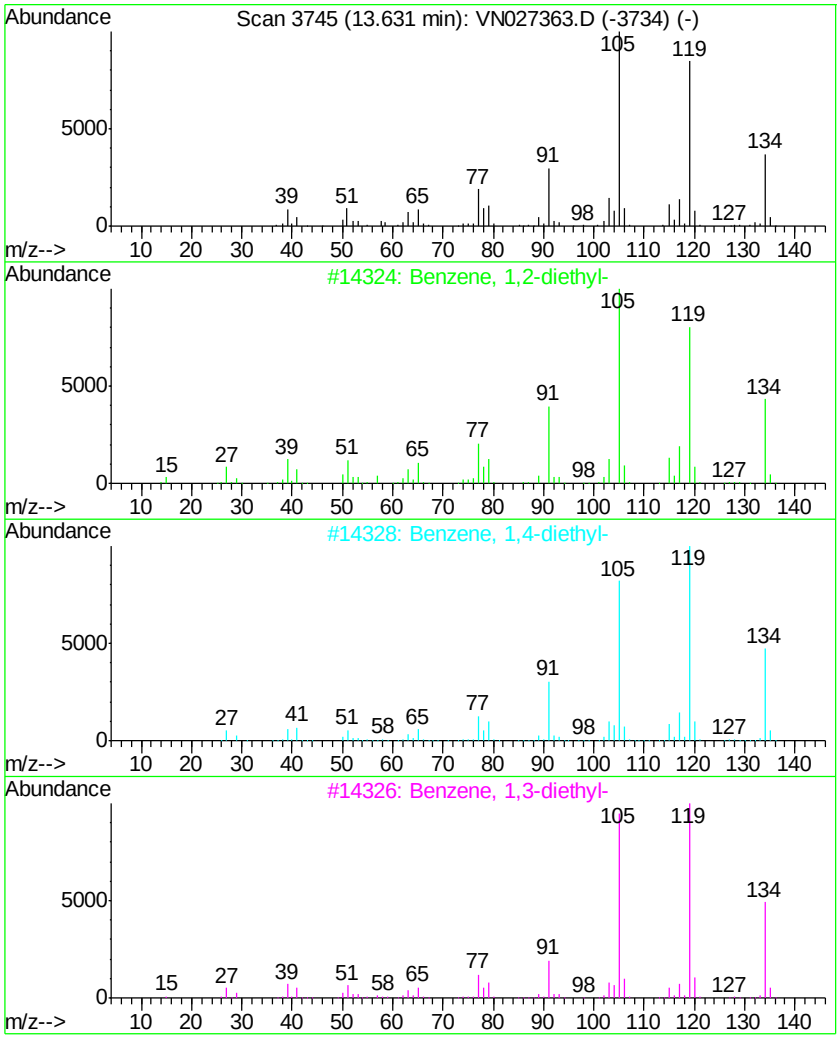
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

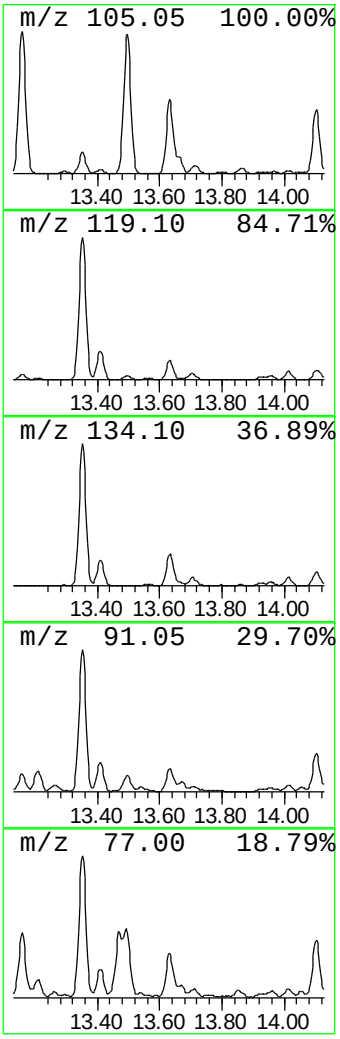
****

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.16 ug/l	436611	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

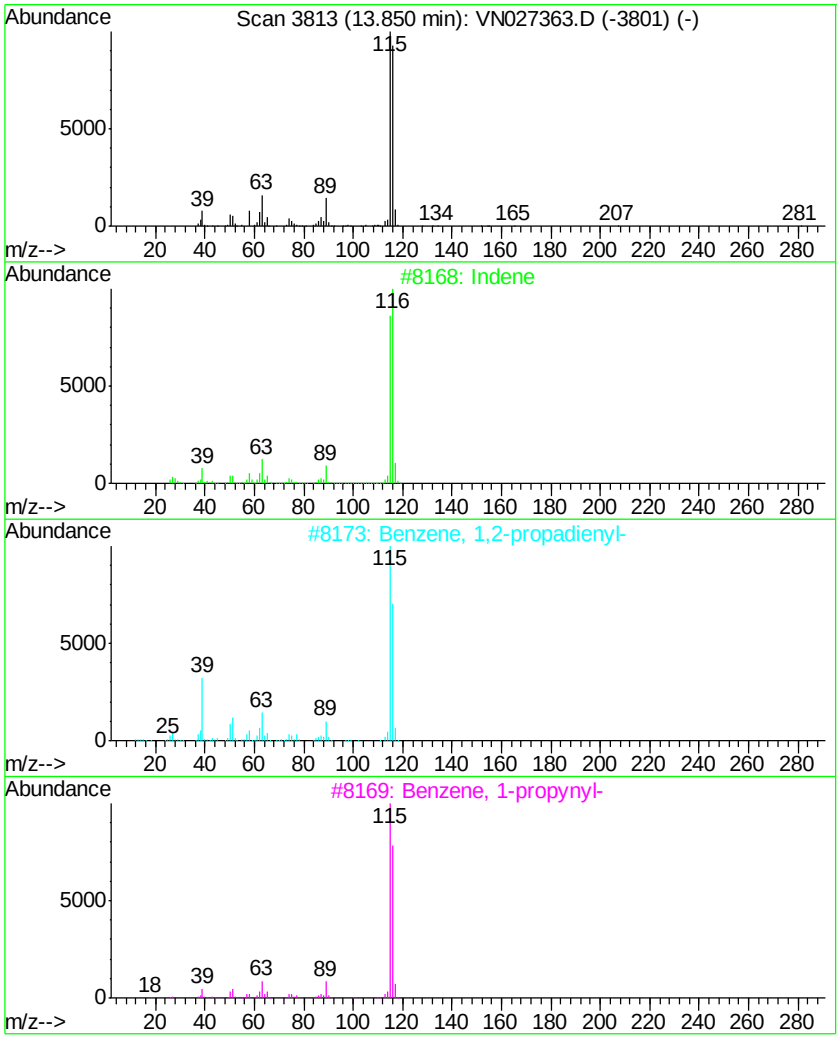
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

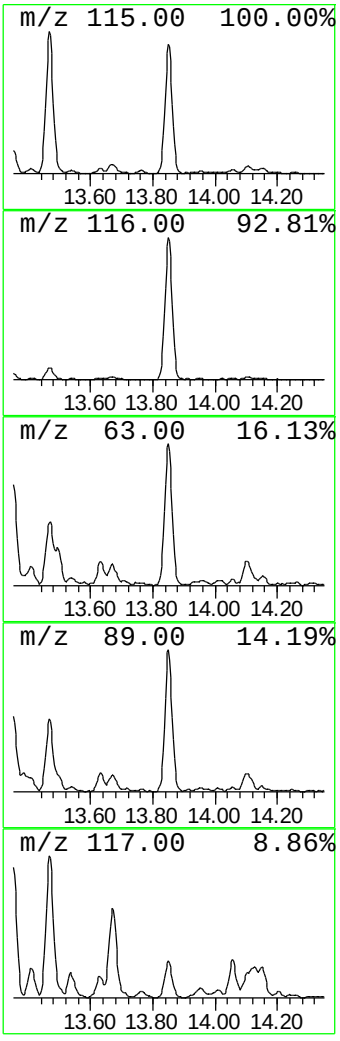
****

Peak Number 4 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	12.74 ug/l	902683	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	90





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

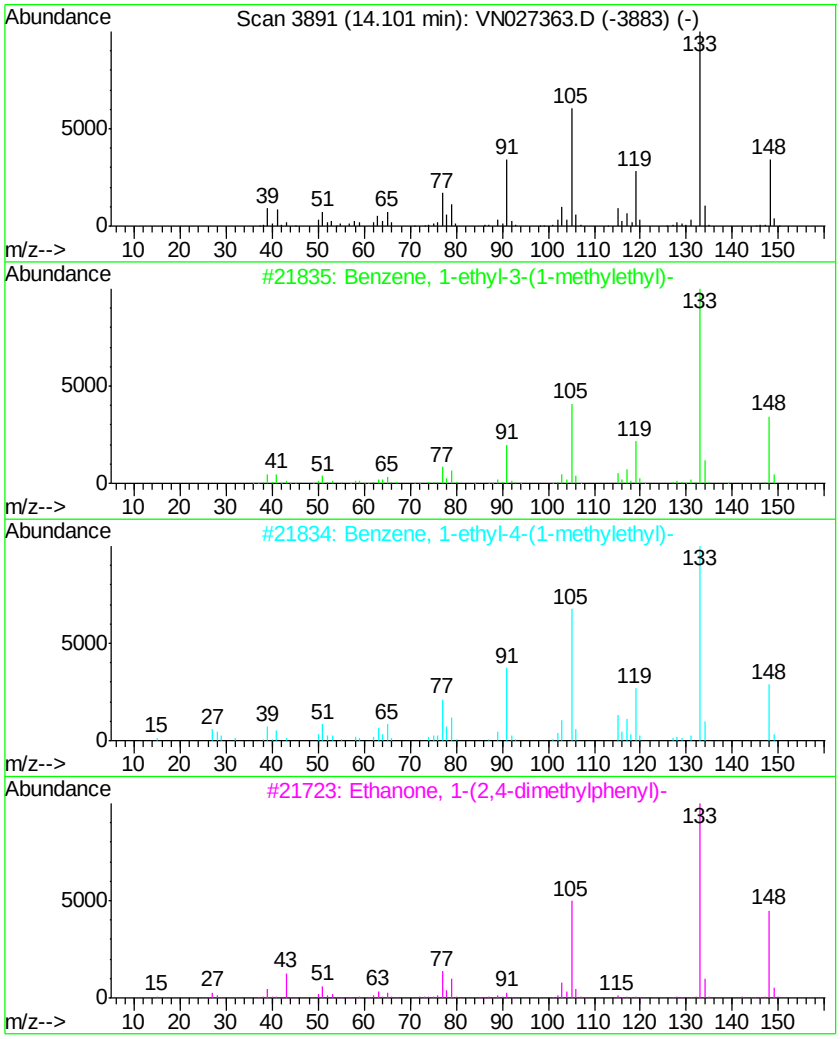
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

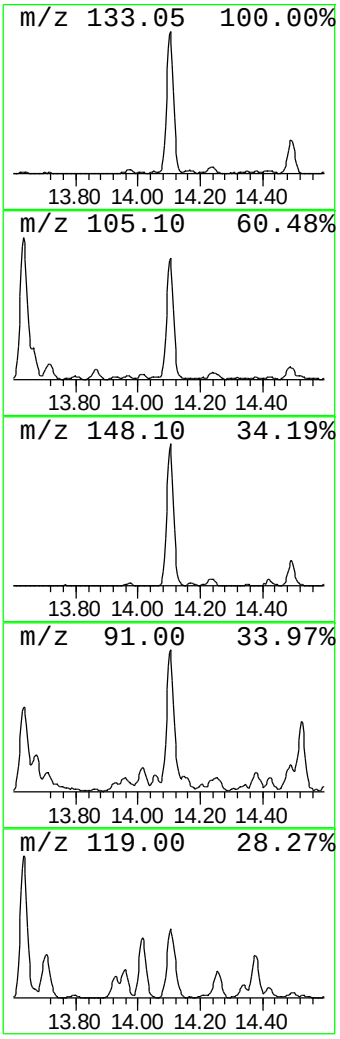
****

Peak Number 5 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	8.46 ug/l	599376	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	95
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	89
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	81
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	81





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

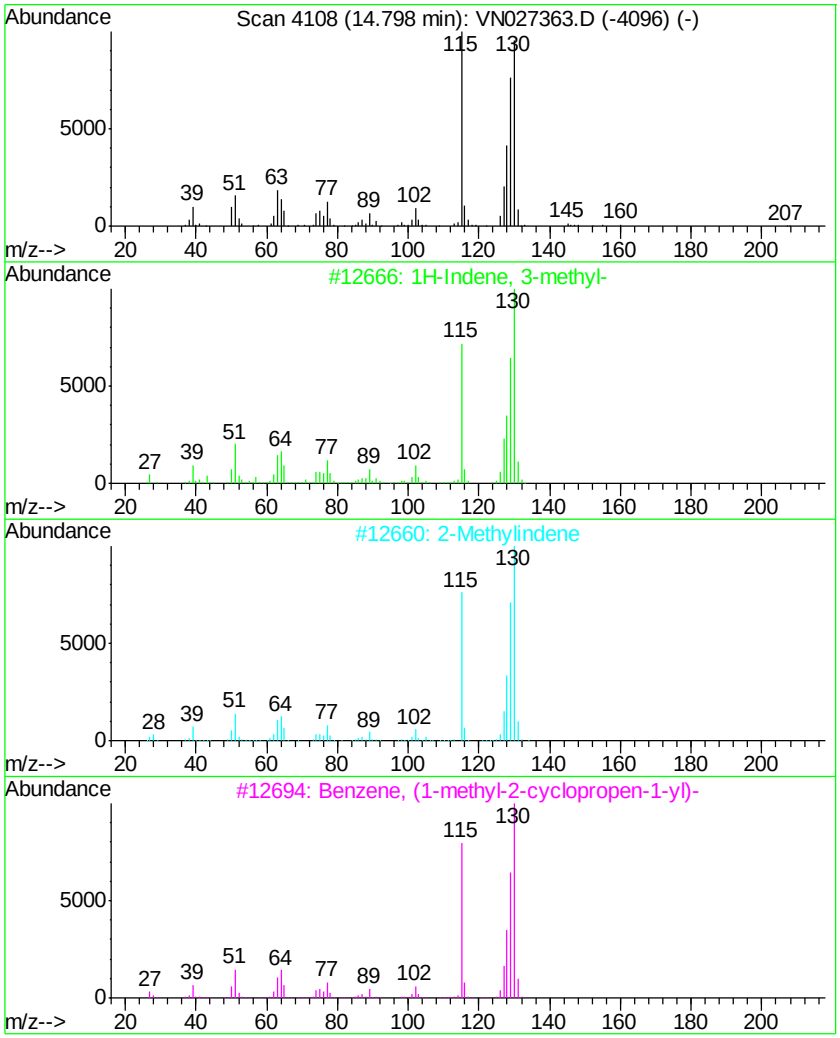
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

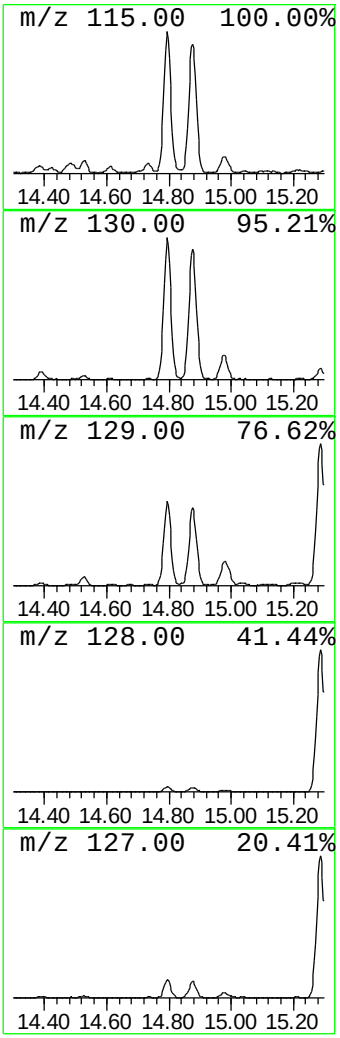
****

Peak Number 6 1H-Indene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.41 ug/l	595559	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

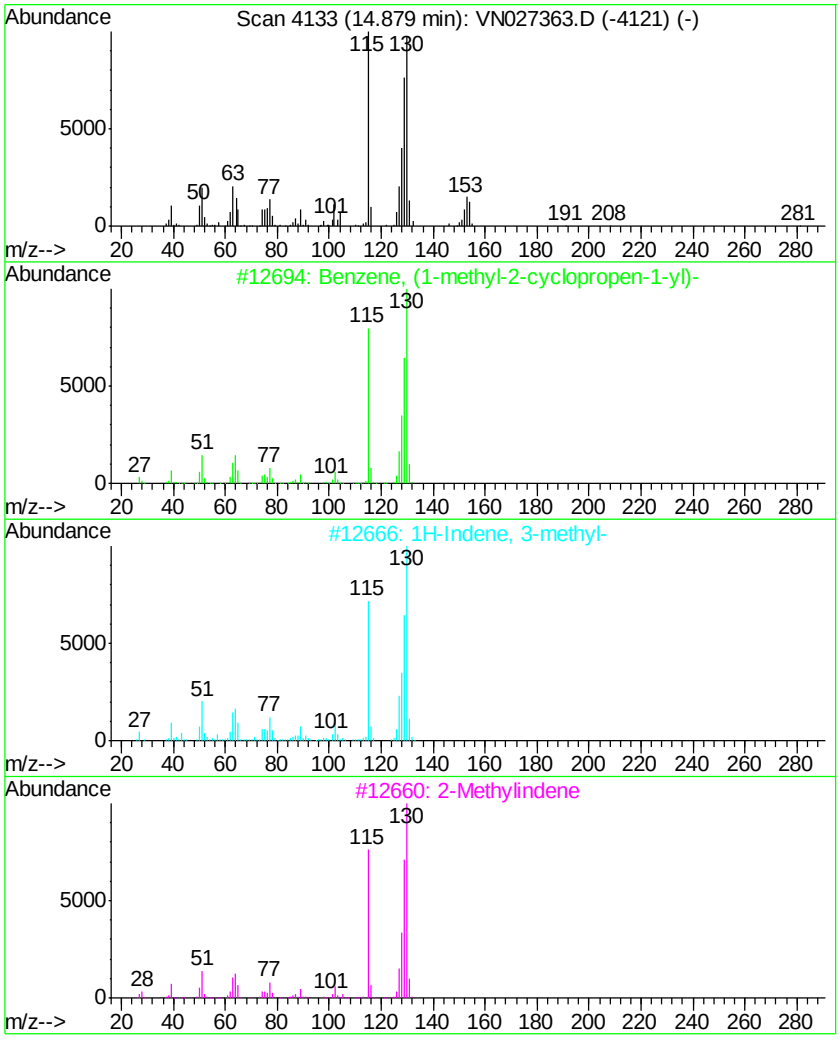
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

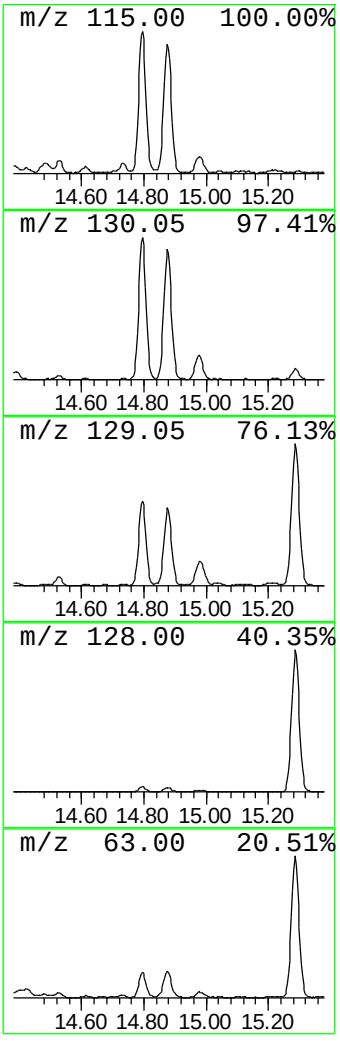
****

Peak Number 7 Benzene, (1-methyl-2-cyclop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	10.45 ug/l	740564	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	96
3	2-Methylindene	130	C10H10	002177-47-1	96
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	96
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027363.D
Acq On : 22 Sep 2015 7:06
Operator : MD\FY
Sample : G3754-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-11B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.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, 1-ethyl-...	12.77	23.9	ug/l	1695890	4	13.47	3542640	50.0
Benzene, 1-methyl...	13.35	24.4	ug/l	1732320	4	13.47	3542640	50.0
Benzene, 1,2-diet...	13.63	6.2	ug/l	436611	4	13.47	3542640	50.0
Indene	13.85	12.7	ug/l	902683	4	13.47	3542640	50.0
Benzene, 1-ethyl-...	14.10	8.5	ug/l	599376	4	13.47	3542640	50.0
1H-Indene, 3-methyl-	14.80	8.4	ug/l	595559	4	13.47	3542640	50.0
Benzene, (1-methy...	14.88	10.4	ug/l	740564	4	13.47	3542640	50.0