LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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	7.677	1874	1893	1904	rBV	614715	1513488	1.21%	0.300%
2	7.754	1904	1917	1938	rVB2	1116181	2820777	2.25%	0.559%
3	8.140	2016	2037	2068	rBV	20233470	48497381	38.74%	9.609%
4	8.680	2185	2205	2231	rBV	1612991	3398863	2.71%	0.673%
5	10.191	2659	2675	2683	rBV	2852527	5132837	4.10%	1.017%
6	10.255	2683	2695	2719	rVB2	34397279	62837148	50.19%	12.450%
7	11.516	3073	3087	3104	rBV	2186884	3797574	3.03%	0.752%
8	11.619	3104	3119	3135	rVV2	26203764	43606537	34.83%	8.640%
9	11.725	3136	3152	3174	rVB2	28963189	53292975	42.57%	10.559%
10	12.059	3232	3256	3274	rBV3	11855339	22103491	17.65%	4.379%
11	12.361	3337	3350	3379	rVB	1414297	2332838	1.86%	0.462%
12	12.516	3386	3398	3417	rVB	1934964	3147266	2.51%	0.624%
13	12.705	3446	3457	3466	rBV	869831	1356778	1.08%	0.269%
14	12.770	3466	3477	3484	rBV	7690640	12322023	9.84%	2.441%
15	12.847	3494	3501	3515	rVB	3293071	5112901	4.08%	1.013%
16	13.011	3537	3552	3570	rBV4	1337531	2716738	2.17%	0.538%
17	13.159	3577	3598	3606	rBV	7213697	12035529	9.61%	2.385%
18	13.207	3606	3613	3622	rVV	4535699	6843148	5.47%	1.356%
19	13.262	3622	3630	3647	rVB	1681013	2850646	2.28%	0.565%
20	13.352	3647	3658	3668	rBV	2488416	4462661	3.56%	0.884%
21	13.410	3669	3676	3685	rVB	1615449	2584392	2.06%	0.512%
22	13.471	3685	3695	3697	rBV	2028970	2784003	2.22%	0.552%
23	13.496	3698	3703	3710	rVB	2543767	3542913	2.83%	0.702%
24	13.538	3710	3716	3733	rVB	1158698	1853943	1.48%	0.367%
25	13.670	3749	3757	3764	rBV2	1610212	2271779	1.81%	0.450%
26	13.850	3800	3813	3828	rVB	16634050	27275414	21.79%	5.404%
27	14.149	3900	3906	3916	rVB	867834	1381901	1.10%	0.274%
28	14.795	4096	4107	4121	rVV	2744394	4442097	3.55%	0.880%
29	14.876	4121	4132	4148	rVB	2972213	4986657	3.98%	0.988%
30	14.975	4150	4163	4177	rBV2	1036472	1919177	1.53%	0.380%
31	15.287	4225	4260	4278	rBV2	62617097	125198595	100.00%	24.805%
32	15.387	4279	4291	4317	rVB	606983	1336035	1.07%	0.265%
33	16.361	4578	4594	4621	rVB	7062224	14665173	11.71%	2.906%
34	16.561	4640	4656	4677	rVB	4796064	10300699	8.23%	2.041%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

Sum of corrected areas: 504724377

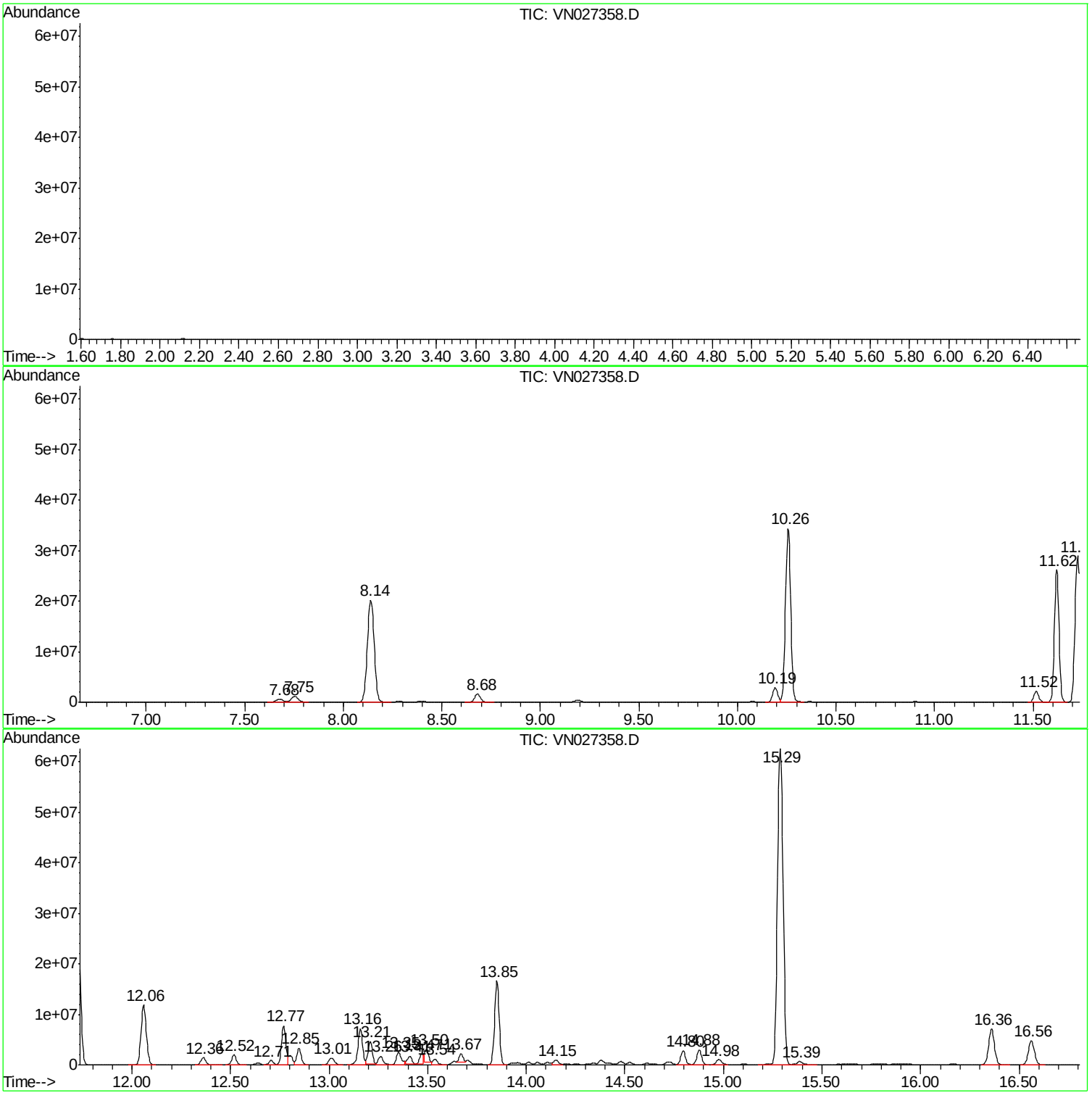
LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

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



Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

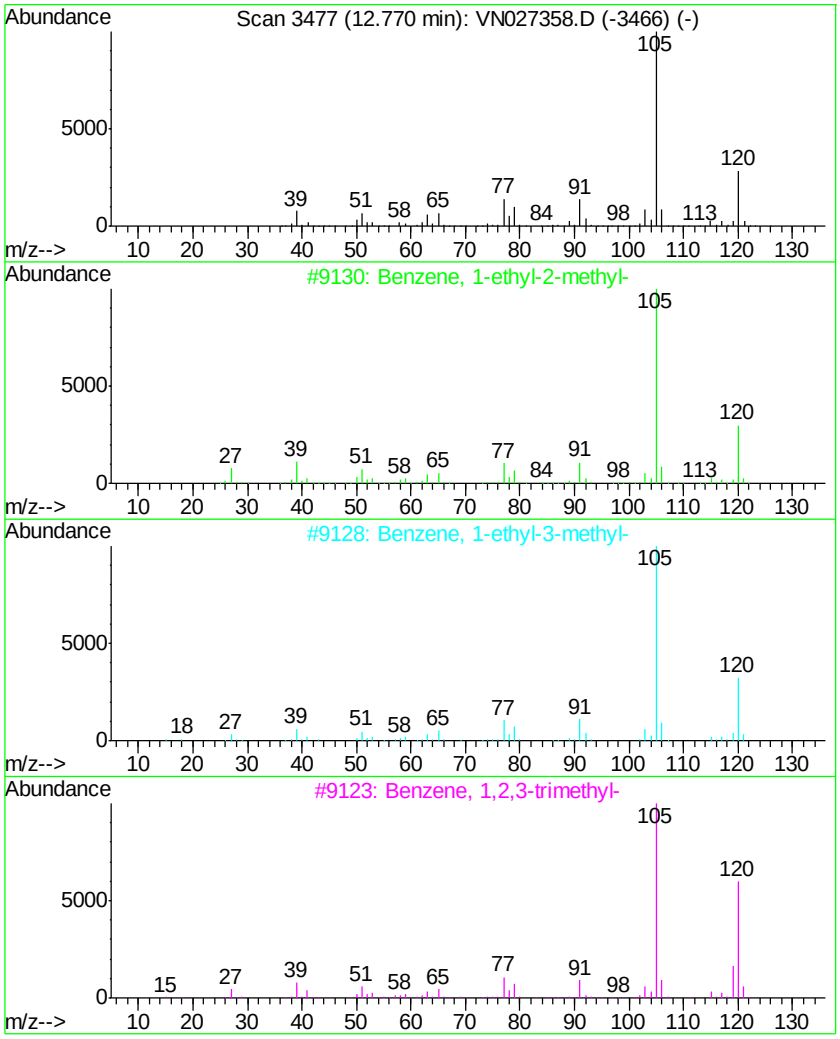
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

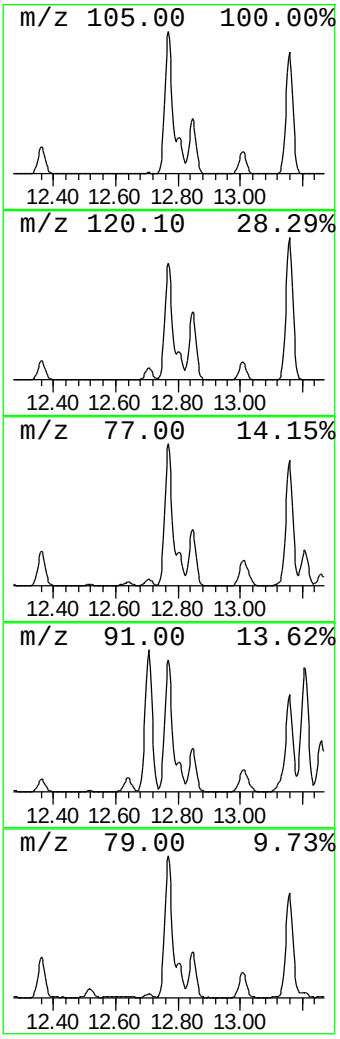
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	221.30 ug/l	12322000	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

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

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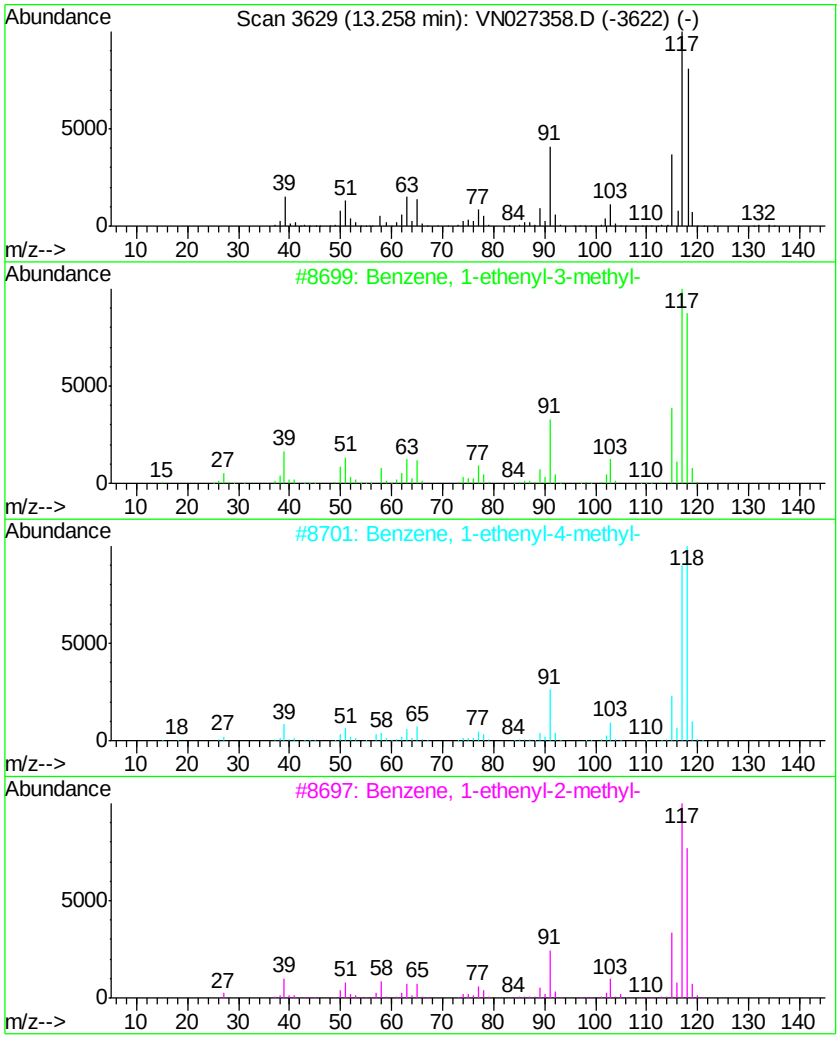
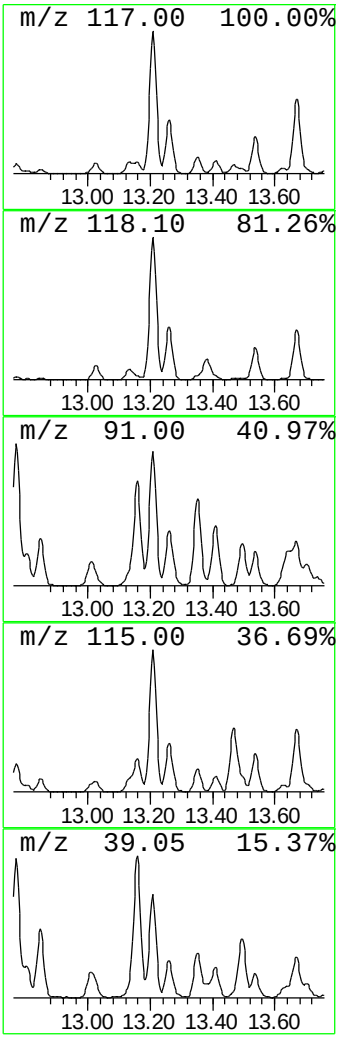
Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	51.20 ug/l	2850650	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

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

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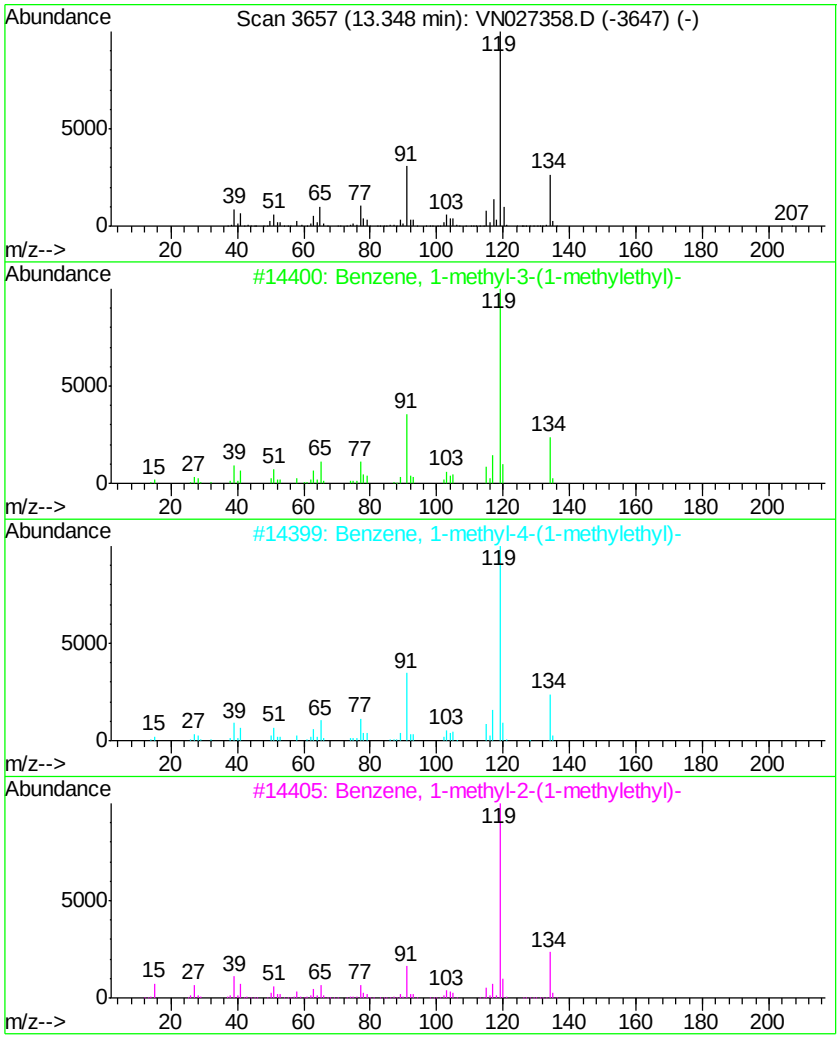
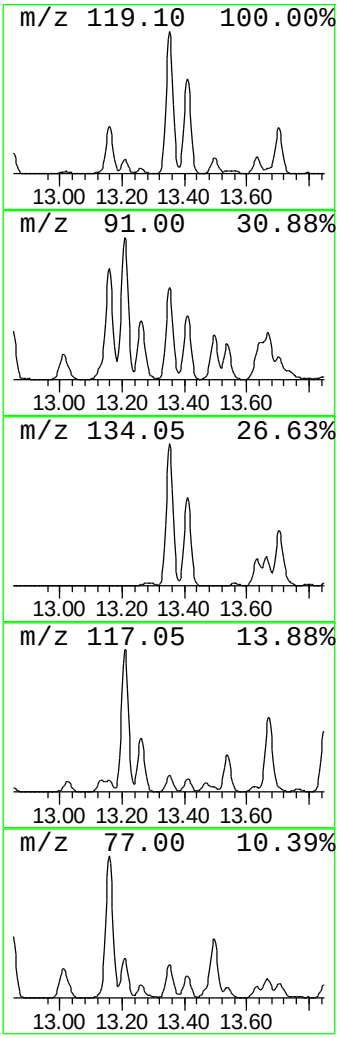
Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	80.15 ug/l	4462660	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-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
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 : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

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

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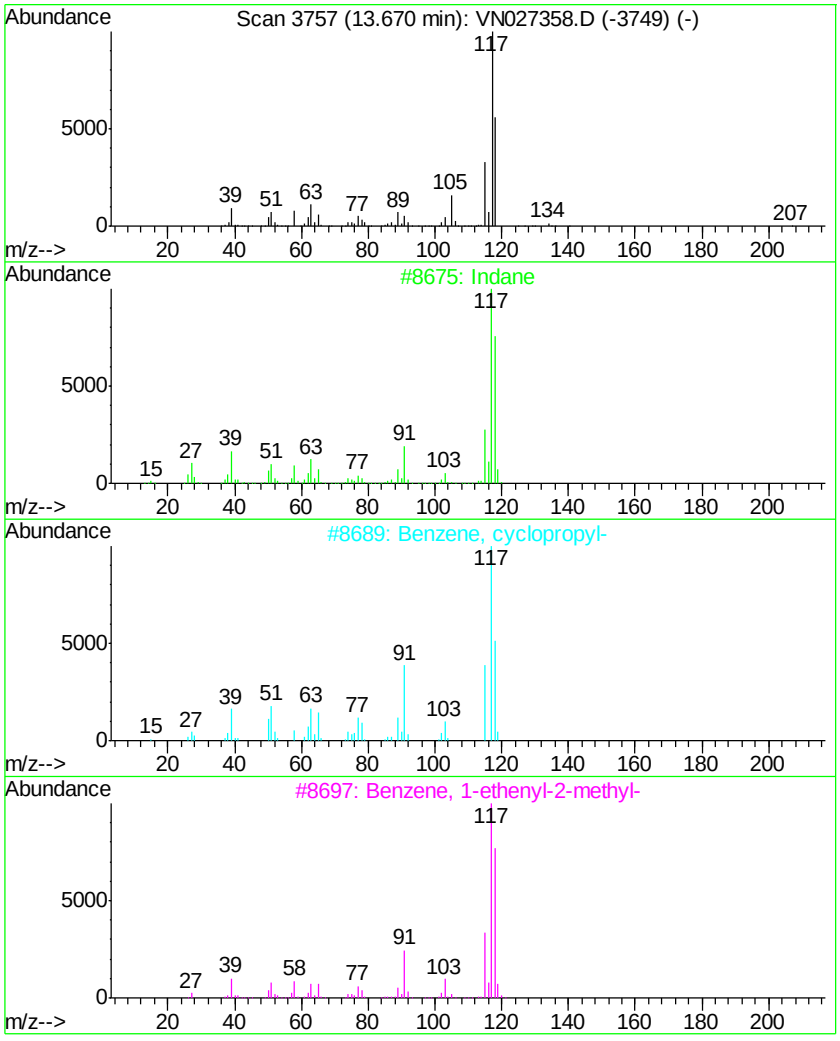
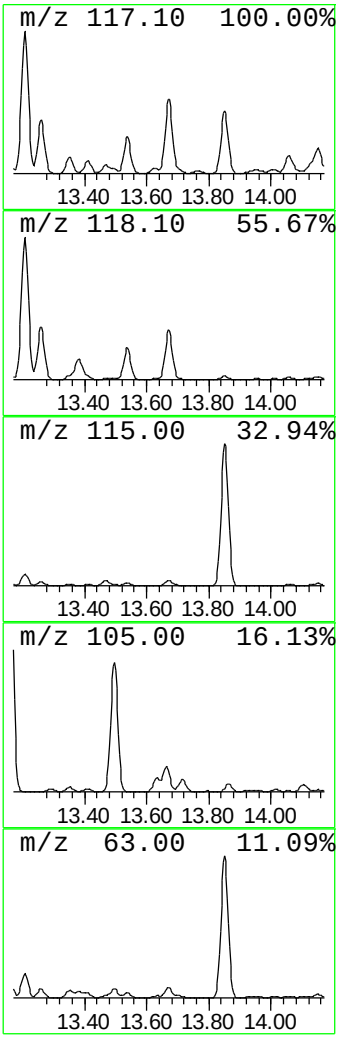
Peak Number 5 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	40.80 ug/l	2271780	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5	Deltacyclene	118	C9H10	007785-10-6	53





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

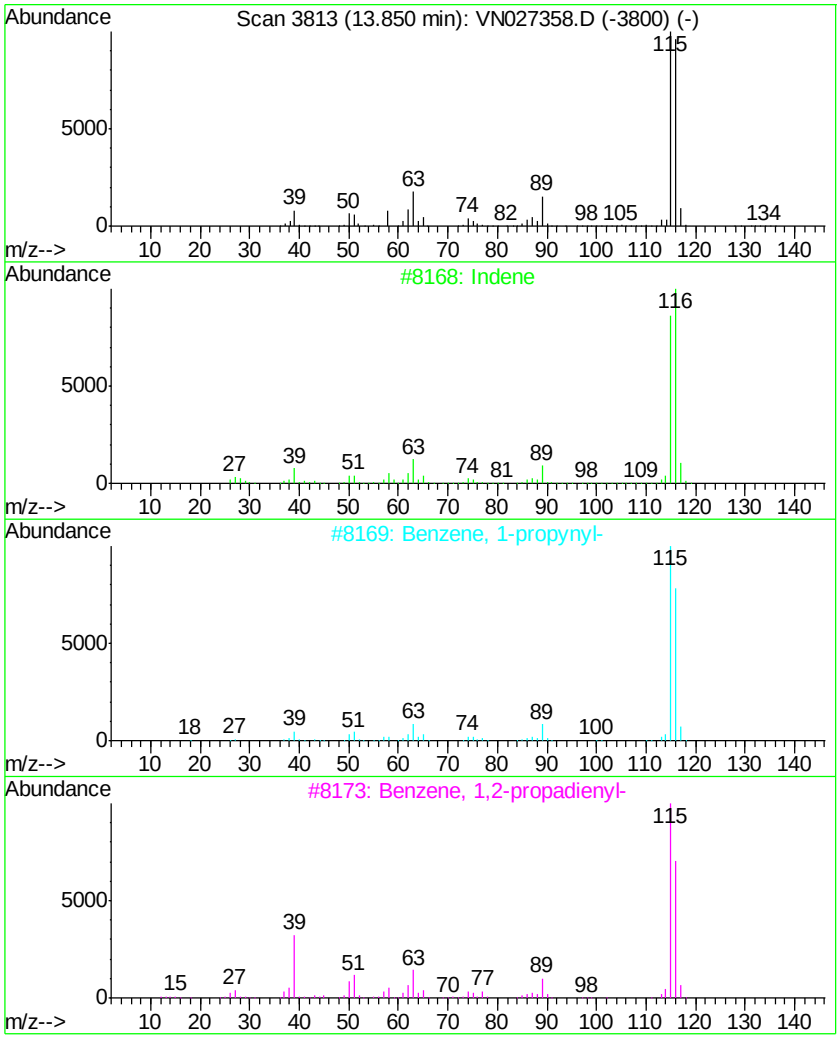
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

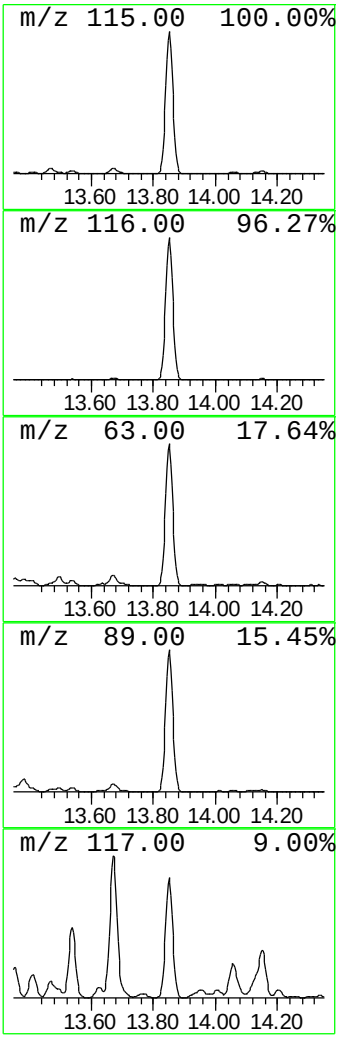
****

Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	489.86 ug/l	27275400	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	56





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
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Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

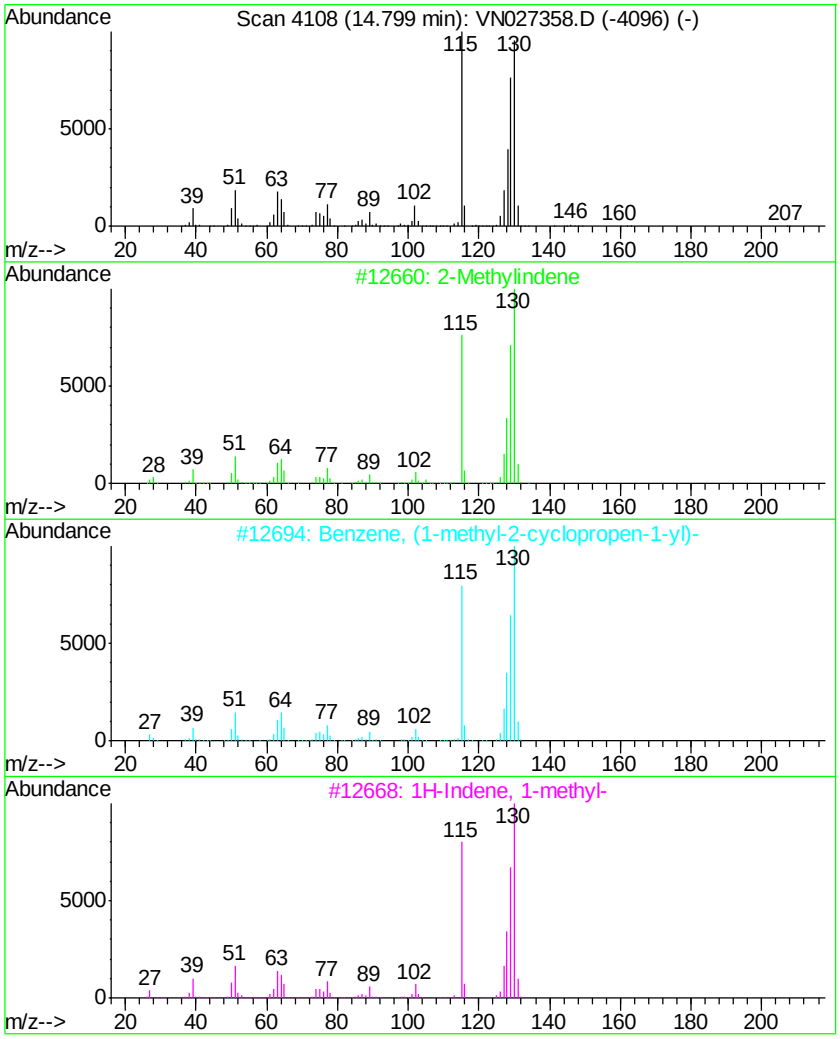
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

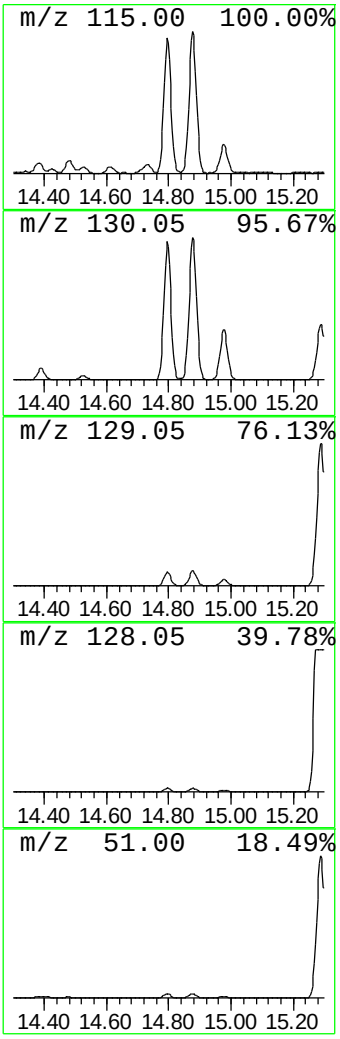
****

Peak Number 7 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	79.78 ug/l	4442100	1,4-Dichlorobenzene-d4	13.47

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





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Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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

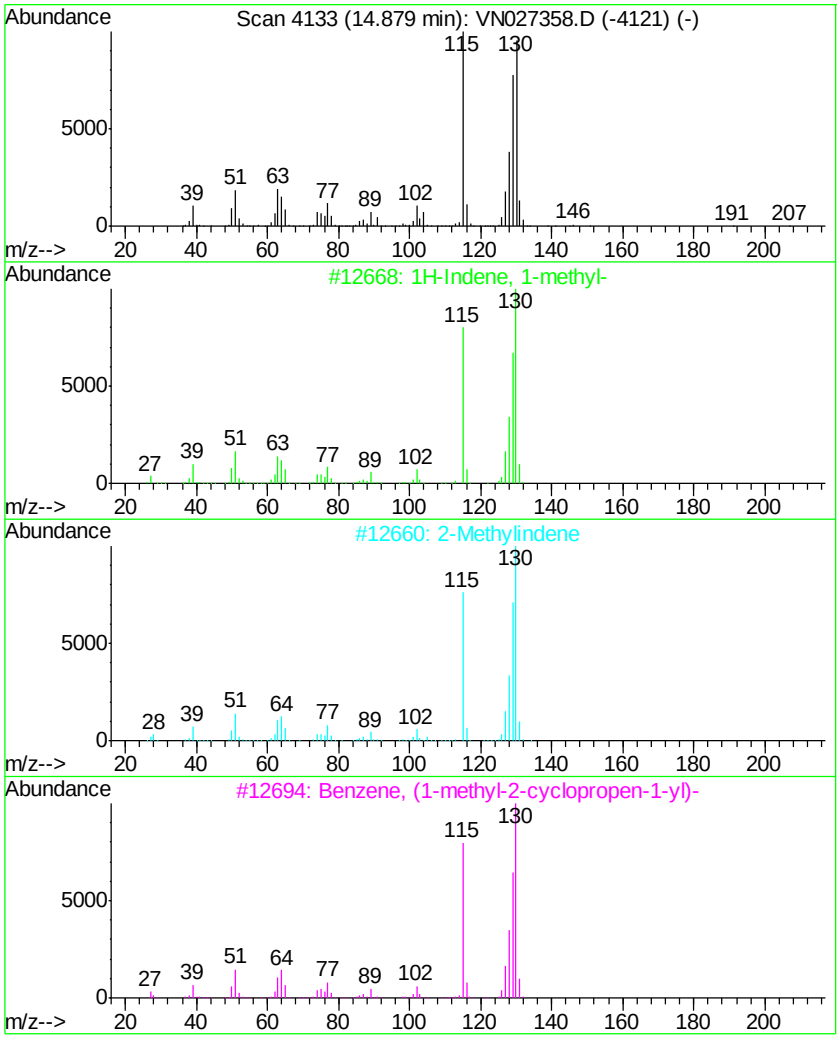
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

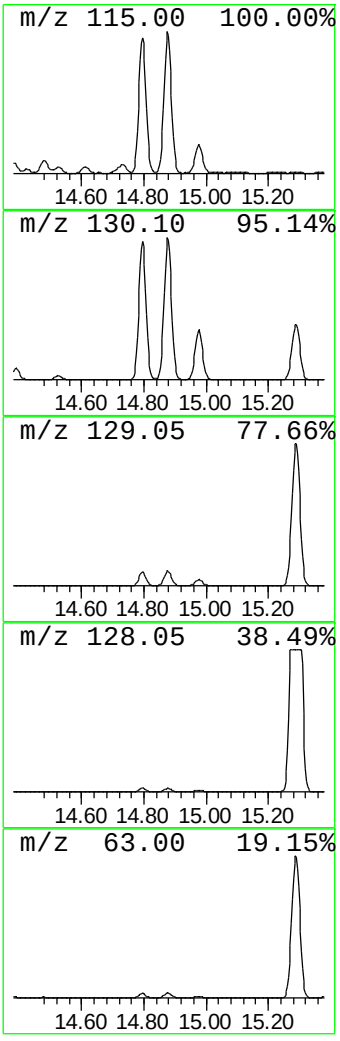
****

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	89.56 ug/l	4986660	1,4-Dichlorobenzene-d4	13.47

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





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027358.D
Acq On : 22 Sep 2015 4:48
Operator : MD\FY
Sample : G3754-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2B

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	221.3	ug/l	12322000	4	13.47	2784000	50.0
Benzene, 1-etheny...	13.26	51.2	ug/l	2850650	4	13.47	2784000	50.0
Benzene, 1-methyl...	13.35	80.2	ug/l	4462660	4	13.47	2784000	50.0
Indane	13.67	40.8	ug/l	2271780	4	13.47	2784000	50.0
Indene	13.85	489.9	ug/l	27275400	4	13.47	2784000	50.0
2-Methylindene	14.80	79.8	ug/l	4442100	4	13.47	2784000	50.0
1H-Indene, 1-methyl-	14.88	89.6	ug/l	4986660	4	13.47	2784000	50.0