LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027364.D
Acq On : 22 Sep 2015 7:34
Operator : MD\FY
Sample : G3754-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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	124	rBV2	80649	152649	2.93%	0.328%
2	7.677	1872	1893	1904	rBV	635126	1552094	29.74%	3.339%
3	7.751	1905	1916	1945	rVB	1005671	2398721	45.97%	5.161%
4	8.120	2013	2031	2057	rBV2	892498	2197078	42.10%	4.727%
5	8.680	2187	2205	2235	rBV	1606379	3370999	64.60%	7.253%
6	10.191	2658	2675	2687	rBV	2857815	5218294	100.00%	11.227%
7	10.255	2687	2695	2717	rVB	385412	735005	14.09%	1.581%
8	10.898	2884	2895	2905	rBV2	109728	199260	3.82%	0.429%
9	11.516	3072	3087	3104	rBV	2258774	3883088	74.41%	8.355%
10	11.619	3106	3119	3137	rVV	743846	1253938	24.03%	2.698%
11	11.725	3137	3152	3170	rVV	1128477	2051578	39.32%	4.414%
12	12.059	3244	3256	3268	rBV	520126	909541	17.43%	1.957%
13	12.361	3338	3350	3363	rVB	300998	488281	9.36%	1.051%
14	12.516	3384	3398	3414	rBV	1936453	3207659	61.47%	6.901%
15	12.770	3465	3477	3485	rBV	1039939	1721035	32.98%	3.703%
16	12.847	3495	3501	3513	rVB	94726	146780	2.81%	0.316%
17	13.008	3539	3551	3566	rBV	146134	259785	4.98%	0.559%
18	13.159	3569	3598	3606	rBV	367653	678348	13.00%	1.459%
19	13.207	3606	3613	3623	rVV	192424	294456	5.64%	0.634%
20	13.265	3623	3631	3647	rVV8	49894	131288	2.52%	0.282%
21	13.352	3647	3658	3668	rVV	1131917	1763863	33.80%	3.795%
22	13.410	3668	3676	3683	rVB	205218	299518	5.74%	0.644%
23	13.467	3683	3694	3711	rBV2	1884239	3513479	67.33%	7.559%
24	13.535	3712	3715	3733	rVB5	43292	90093	1.73%	0.194%
25	13.631	3735	3745	3752	rBV	283958	454791	8.72%	0.978%
26	13.670	3752	3757	3764	rVB	101051	132279	2.53%	0.285%
27	13.760	3779	3785	3794	rVB4	37104	53868	1.03%	0.116%
28	13.850	3801	3813	3825	rBV	520438	859486	16.47%	1.849%
29	13.953	3826	3845	3856	rBV7	94463	297283	5.70%	0.640%
30	14.014	3857	3864	3871	rVB2	53461	75704	1.45%	0.163%
31	14.104	3882	3892	3902	rBV	390288	629355	12.06%	1.354%
32	14.249	3928	3937	3948	rVB6	48104	99844	1.91%	0.215%
33	14.384	3969	3979	3983	rBV3	68279	120056	2.30%	0.258%
34	14.490	4003	4012	4017	rBV5	78537	134049	2.57%	0.288%

LSC Area Percent Report

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Operator : MD\FY
Sample : G3754-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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	4034	rVB	132567	195632	3.75%	0.421%
36	14.612	4041	4050	4059	rBV2	37254	62550	1.20%	0.135%
37	14.731	4075	4087	4096	rVB3	52677	105806	2.03%	0.228%
38	14.795	4096	4107	4119	rBV	336027	571809	10.96%	1.230%
39	14.876	4122	4132	4151	rVB3	382424	712893	13.66%	1.534%
40	14.982	4153	4165	4177	rBV3	96682	203145	3.89%	0.437%
41	15.220	4226	4239	4247	rBV3	23692	63227	1.21%	0.136%
42	15.287	4247	4260	4276	rVB	1711430	3041811	58.29%	6.545%
43	15.721	4386	4395	4403	rBV6	28308	52525	1.01%	0.113%
44	16.165	4524	4533	4557	rVB5	75544	190770	3.66%	0.410%
45	16.358	4580	4593	4613	rVB	414919	894492	17.14%	1.925%
46	16.561	4639	4656	4674	rVB	456928	1010268	19.36%	2.174%

Sum of corrected areas: 46478473

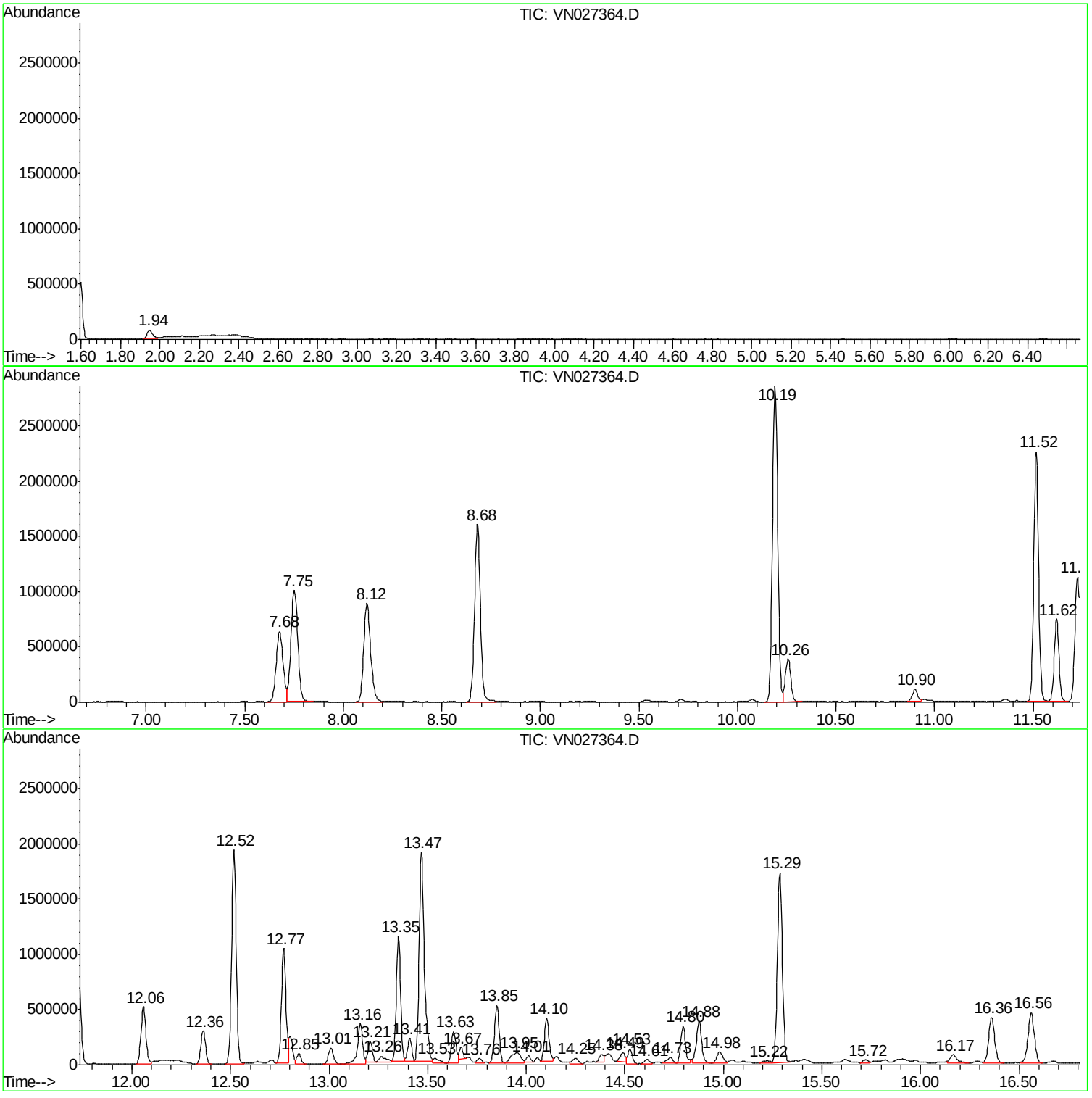
LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027364.D
Acq On : 22 Sep 2015 7:34
Operator : MD\FY
Sample : G3754-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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 : VN027364.D
Acq On : 22 Sep 2015 7:34
Operator : MD\FY
Sample : G3754-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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

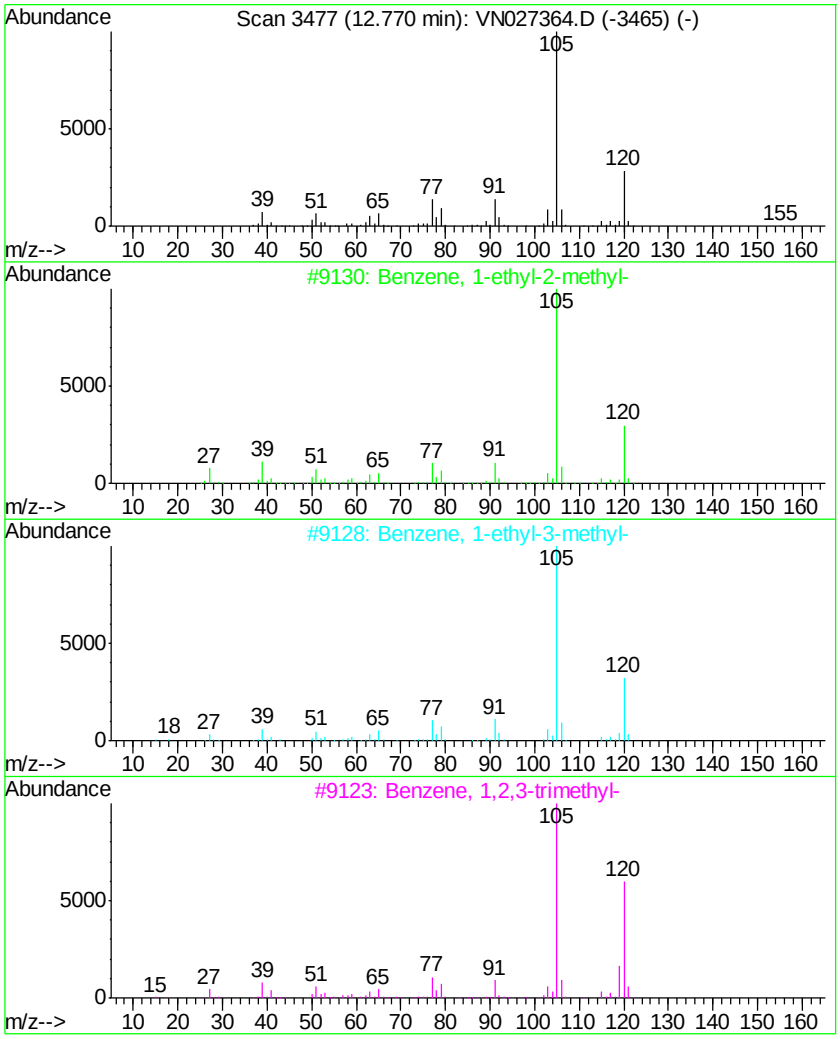
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

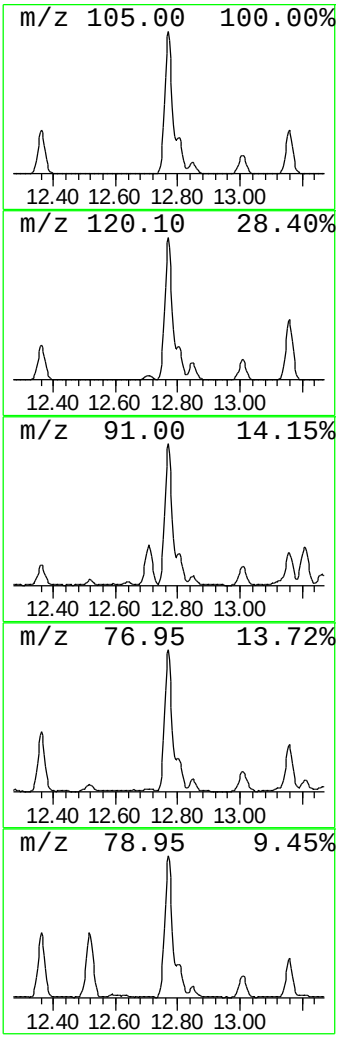
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	24.49 ug/l	1721040	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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027364.D
Acq On : 22 Sep 2015 7:34
Operator : MD\FY
Sample : G3754-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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

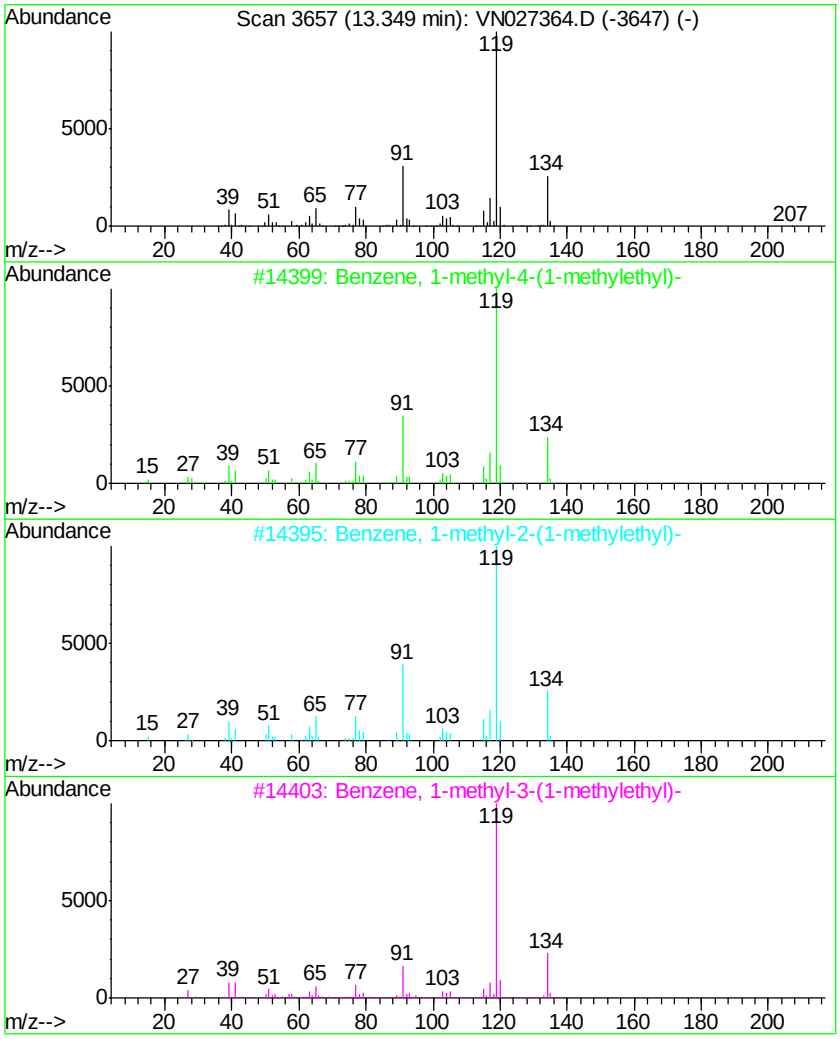
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

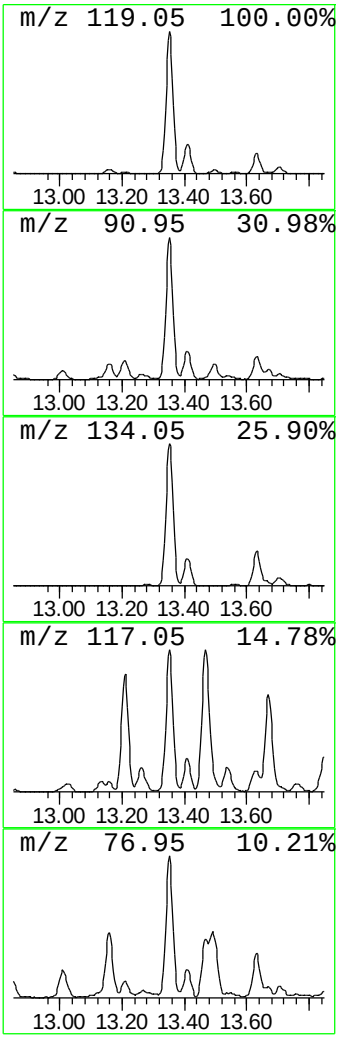
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	25.10 ug/l	1763860	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	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





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Data File : VN027364.D
Acq On : 22 Sep 2015 7:34
Operator : MD\FY
Sample : G3754-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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

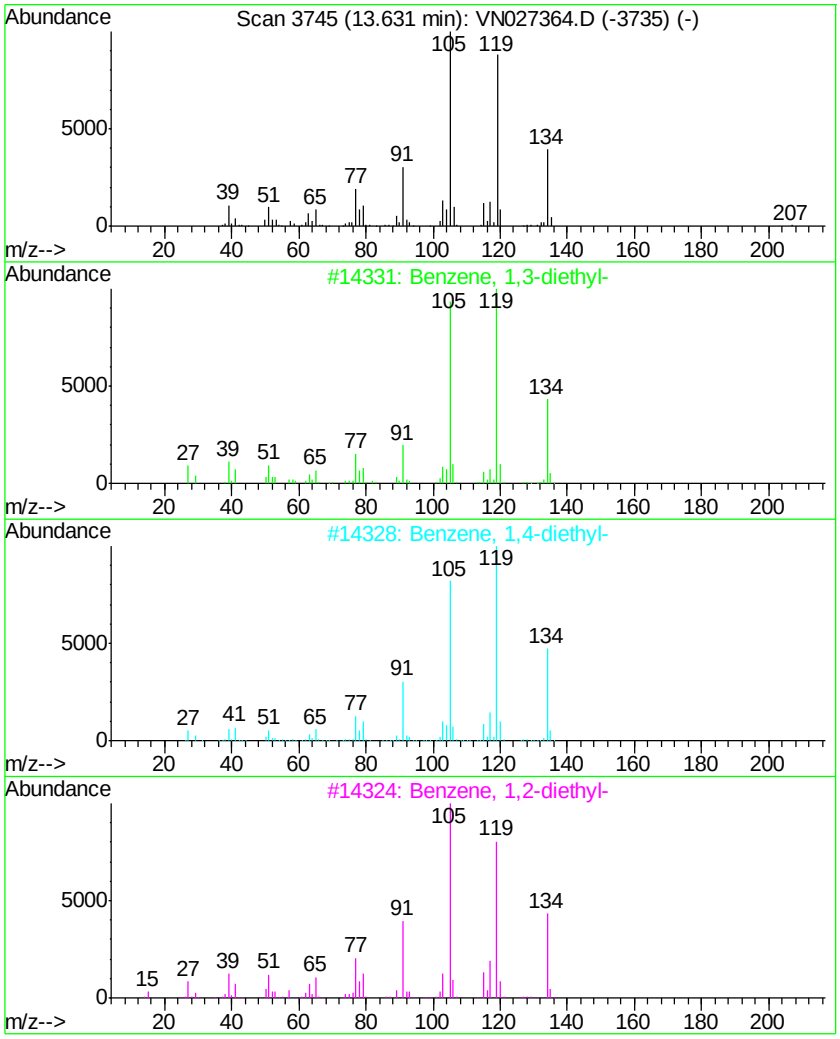
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

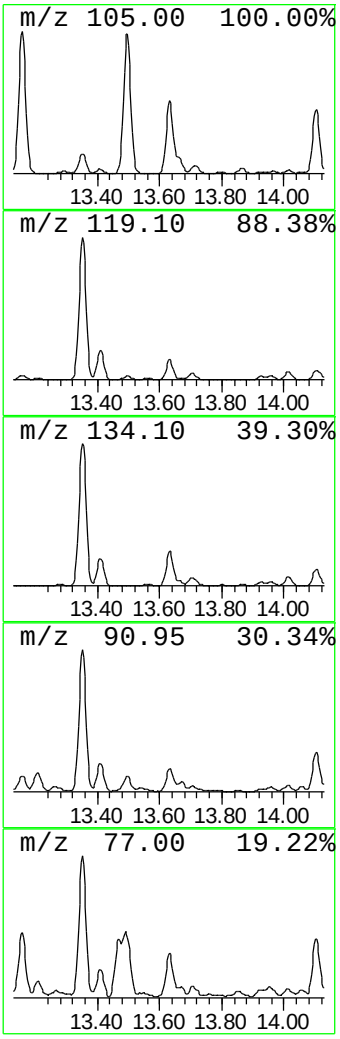
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.47 ug/l	454791	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
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Operator : MD\FY
Sample : G3754-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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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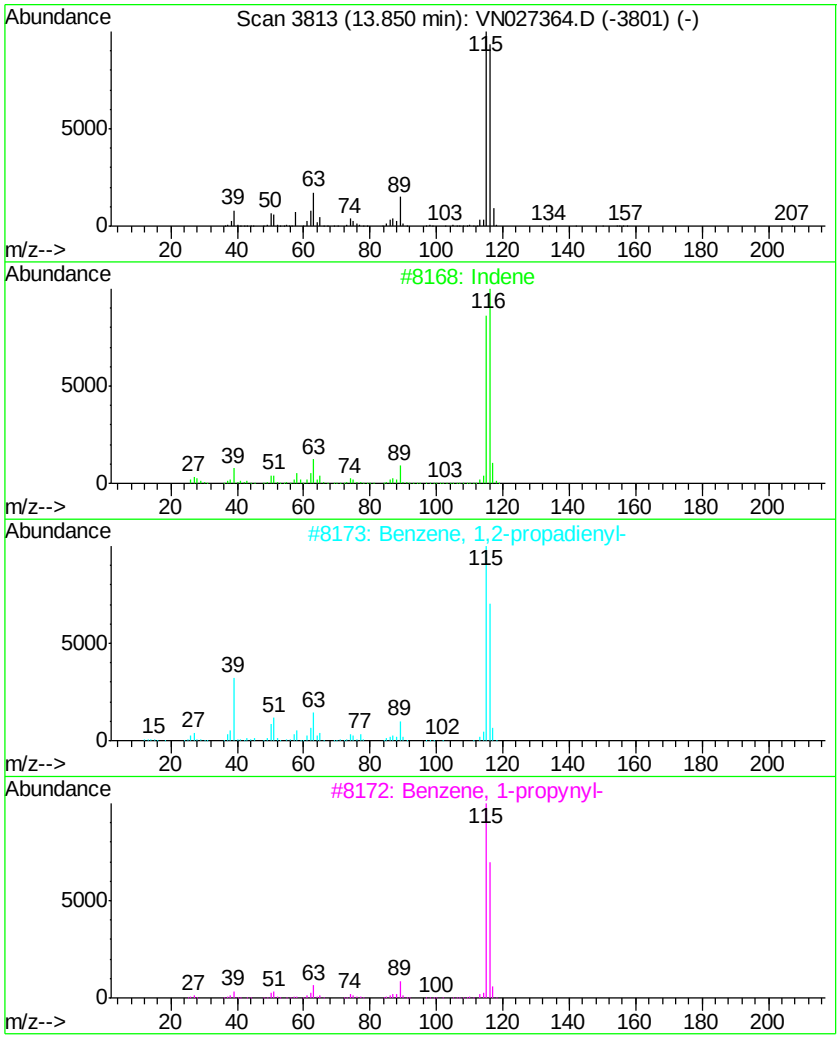
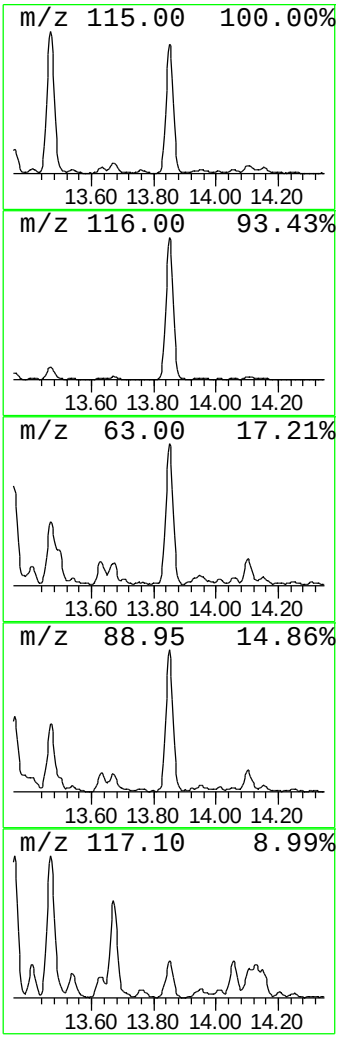
Peak Number 4 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	12.23 ug/l	859486	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-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





Library Search Compound Report

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ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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

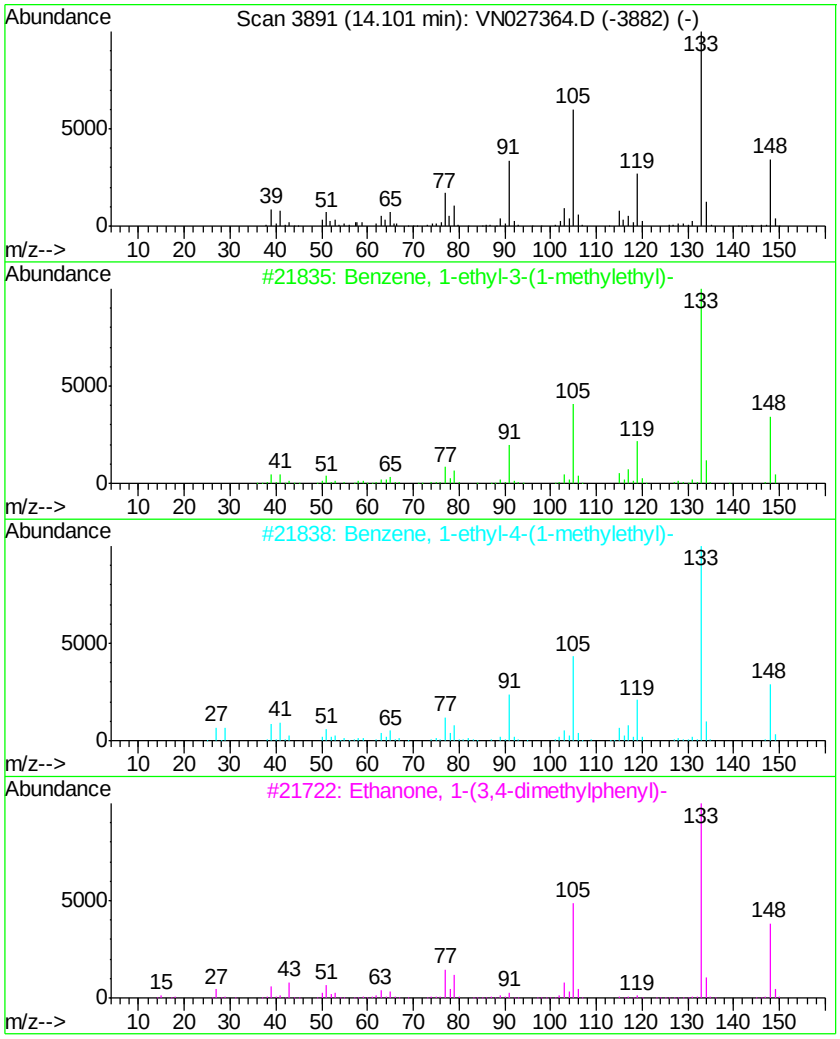
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

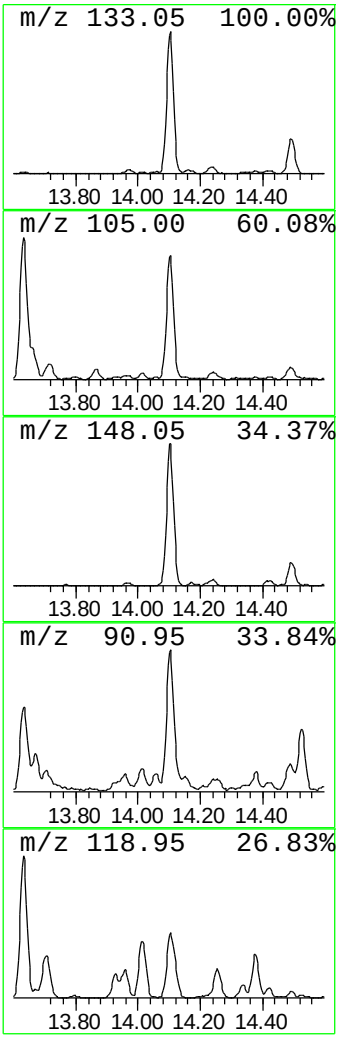
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	8.96 ug/l	629355	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	96
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	94
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	93
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	91
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	90





Library Search Compound Report

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ClientSampleId : MW-12B

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

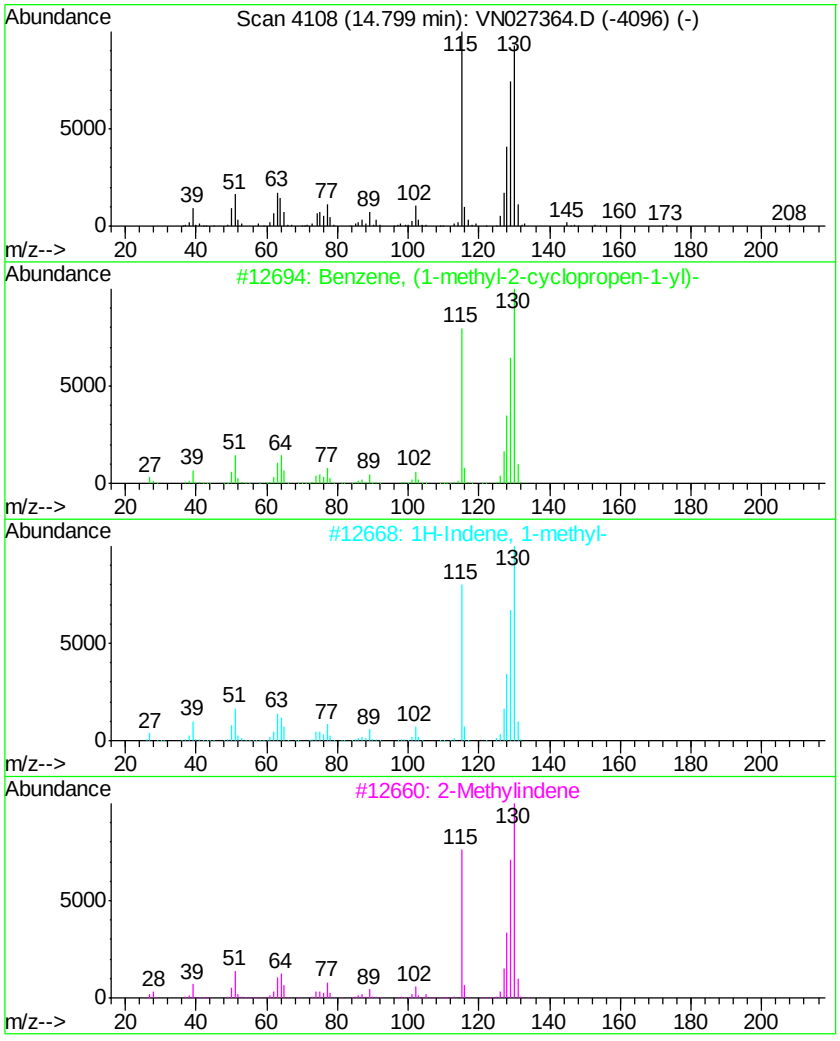
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

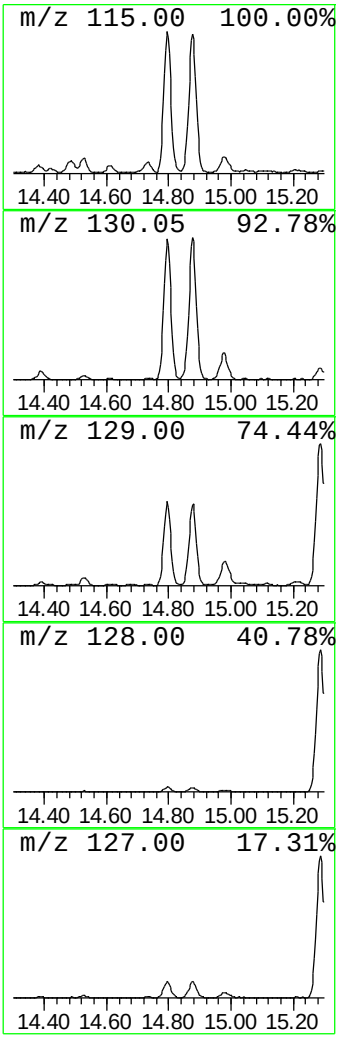
****

Peak Number 6 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.14 ug/l	571809	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, 1-methyl-	130	C10H10	000767-59-9	96
3	2-Methylindene	130	C10H10	002177-47-1	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Tentatively Identified Compound (LSC) summary

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Sample : G3754-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12B

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	24.5	ug/l	1721040	4	13.47	3513480	50.0
Benzene, 1-methyl...	13.35	25.1	ug/l	1763860	4	13.47	3513480	50.0
Benzene, 1,3-diet...	13.63	6.5	ug/l	454791	4	13.47	3513480	50.0
Indene	13.85	12.2	ug/l	859486	4	13.47	3513480	50.0
Benzene, 1-ethyl-...	14.10	9.0	ug/l	629355	4	13.47	3513480	50.0
Benzene, (1-methy...	14.80	8.1	ug/l	571809	4	13.47	3513480	50.0