

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027259.D
 Acq On : 17 Sep 2015 17:03
 Operator : MD\FY
 Sample : G3704-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-9-15-15

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	2.111	155	162	174	rBV	88254	129946	1.65%	0.176%
2	2.799	361	376	390	rBV2	47077	98876	1.26%	0.134%
3	6.046	1364	1386	1408	rVB4	194520	707881	8.99%	0.961%
4	6.744	1582	1603	1620	rBV3	59526	189430	2.40%	0.257%
5	7.497	1820	1837	1854	rBV2	31684	82446	1.05%	0.112%
6	7.677	1875	1893	1905	rBV	639037	1581885	20.08%	2.147%
7	7.754	1905	1917	1939	rVB	1047608	2535621	32.19%	3.442%
8	8.120	2012	2031	2061	rBV	840166	1950518	24.76%	2.648%
9	8.680	2187	2205	2248	rBV	1615743	3436780	43.63%	4.665%
10	9.191	2339	2364	2376	rBV3	67768	173201	2.20%	0.235%
11	10.191	2659	2675	2703	rBV	2805653	5211490	66.16%	7.074%
12	11.516	3072	3087	3098	rBV	2187322	3765383	47.80%	5.111%
13	11.619	3108	3119	3137	rVB	1034470	1723972	21.88%	2.340%
14	11.725	3137	3152	3176	rBV	2675013	4608910	58.51%	6.256%
15	12.059	3239	3256	3275	rBV	229055	404381	5.13%	0.549%
16	12.361	3338	3350	3364	rVB	251348	412698	5.24%	0.560%
17	12.516	3385	3398	3415	rBV	1842259	3042501	38.62%	4.130%
18	12.705	3444	3457	3467	rBV	442213	757233	9.61%	1.028%
19	12.770	3467	3477	3486	rBV	1978974	3216967	40.84%	4.367%
20	12.847	3493	3501	3514	rVB	1247033	1978555	25.12%	2.686%
21	13.008	3538	3551	3566	rBV	1114781	1806303	22.93%	2.452%
22	13.159	3585	3598	3624	rVB	5000106	7877457	100.00%	10.693%
23	13.290	3625	3639	3648	rBV4	129411	245548	3.12%	0.333%
24	13.352	3648	3658	3667	rBV	235392	377213	4.79%	0.512%
25	13.409	3667	3676	3683	rVB	129355	178928	2.27%	0.243%
26	13.471	3683	3695	3697	rBV	1870349	2549472	32.36%	3.461%
27	13.496	3698	3703	3716	rVB	2708366	4080063	51.79%	5.538%
28	13.561	3717	3723	3736	rVB4	109206	181465	2.30%	0.246%
29	13.635	3736	3746	3748	rBV	209124	267702	3.40%	0.363%
30	13.670	3748	3757	3764	rBV3	1136000	1756601	22.30%	2.384%
31	13.798	3789	3797	3806	rVB	134733	215271	2.73%	0.292%
32	13.863	3806	3817	3827	rBV	357159	570669	7.24%	0.775%
33	13.927	3827	3837	3841	rBV	460928	689795	8.76%	0.936%
34	13.956	3842	3846	3855	rVV	492058	681558	8.65%	0.925%

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ALS Vial : 18 Sample Multiplier: 1

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MW-4-9-15-15

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35	14.014	3855	3864	3875	rVB	569136	868549	11.03%	1.179%
36	14.078	3875	3884	3889	rBV2	164554	263604	3.35%	0.358%
37	14.123	3889	3898	3909	rVB3	629434	1085480	13.78%	1.473%
38	14.255	3929	3939	3950	rBV2	347775	551435	7.00%	0.748%
39	14.339	3950	3965	3970	rBV	355243	574405	7.29%	0.780%
40	14.377	3970	3977	3986	rVB	613304	913522	11.60%	1.240%
41	14.425	3986	3992	3998	rBV3	70906	85103	1.08%	0.116%
42	14.564	4020	4035	4041	rBV5	84626	177249	2.25%	0.241%
43	14.612	4041	4050	4058	rVV2	419657	687793	8.73%	0.934%
44	14.654	4059	4063	4071	rVB2	102165	139354	1.77%	0.189%
45	14.725	4071	4085	4098	rBV3	1147182	2765573	35.11%	3.754%
46	14.792	4098	4106	4116	rVB4	67918	128487	1.63%	0.174%
47	14.882	4123	4134	4148	rBV	774285	1273646	16.17%	1.729%
48	14.991	4150	4168	4174	rBV5	197971	448553	5.69%	0.609%
49	15.101	4191	4202	4220	rVB4	232871	551812	7.00%	0.749%
50	15.287	4250	4260	4271	rVV	452285	773025	9.81%	1.049%
51	15.348	4271	4279	4285	rBV2	117705	174348	2.21%	0.237%
52	15.393	4286	4293	4299	rBV3	125342	208984	2.65%	0.284%
53	15.580	4339	4351	4363	rBV2	99981	196632	2.50%	0.267%
54	15.750	4389	4404	4408	rBV3	101892	201670	2.56%	0.274%
55	15.792	4409	4417	4433	rVV2	318806	611092	7.76%	0.829%
56	15.872	4434	4442	4453	rVV4	51397	101227	1.29%	0.137%
57	15.953	4456	4467	4491	rVB3	81329	223835	2.84%	0.304%
58	16.104	4499	4514	4533	rBV4	246549	533864	6.78%	0.725%
59	16.300	4561	4575	4582	rBV4	69292	150713	1.91%	0.205%
60	16.361	4582	4594	4621	rVB	657876	1440968	18.29%	1.956%
61	16.564	4642	4657	4672	rBV	465480	1054869	13.39%	1.432%

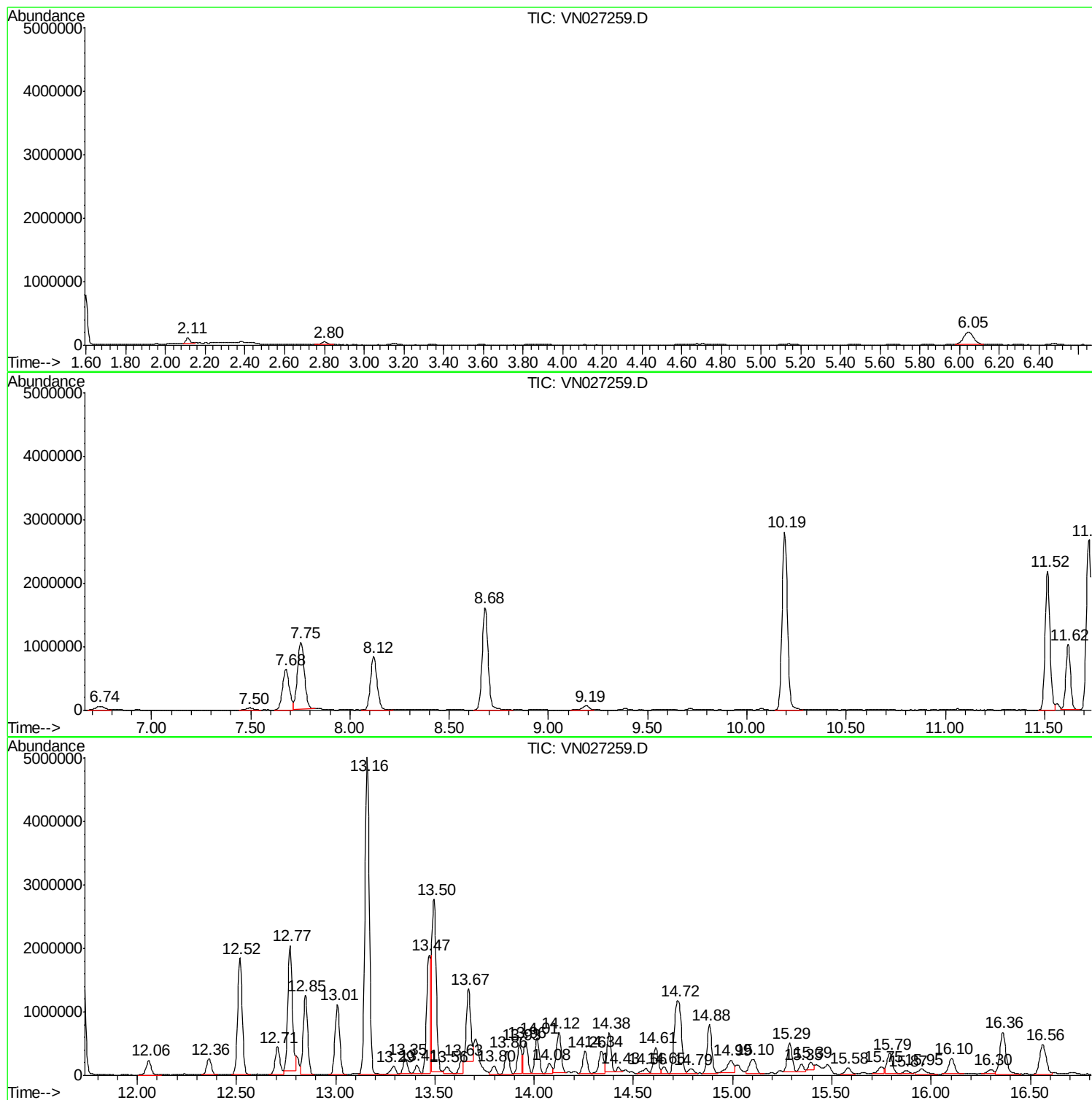
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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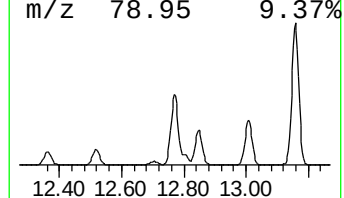
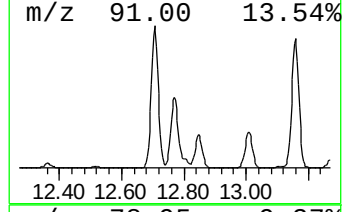
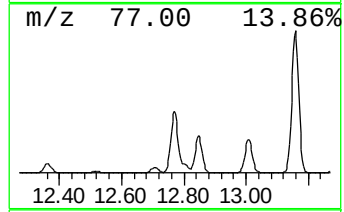
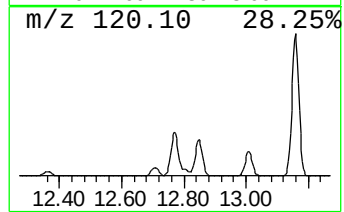
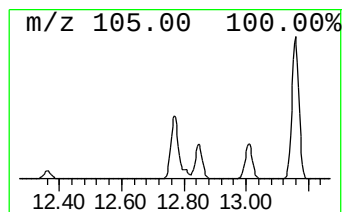
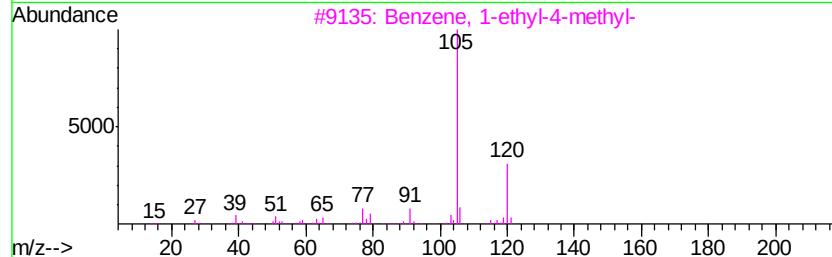
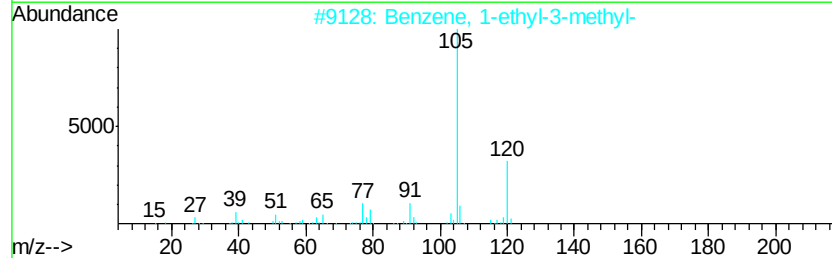
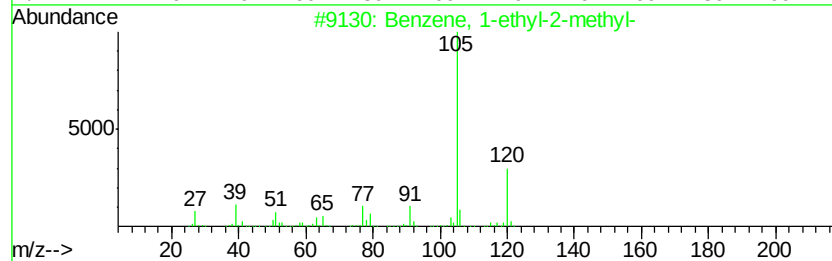
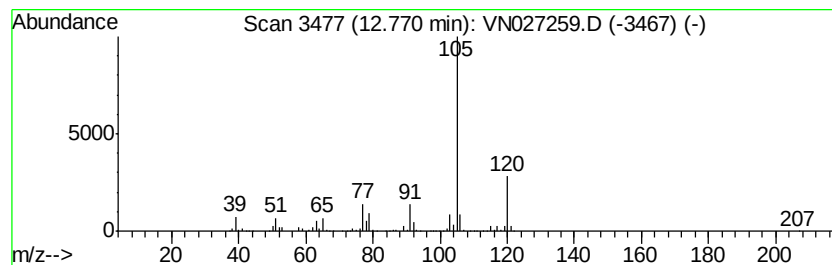
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	63.09 ug/l	3216970	1,4-Dichlorobenzene-d4	13.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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



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ClientSampled :
MW-4-9-15-15

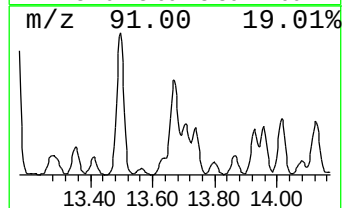
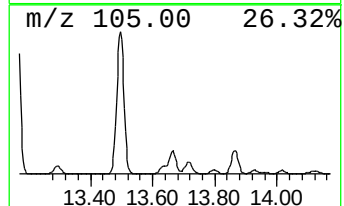
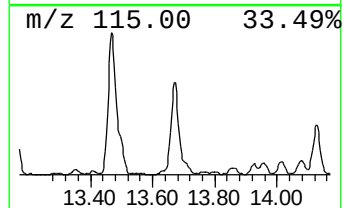
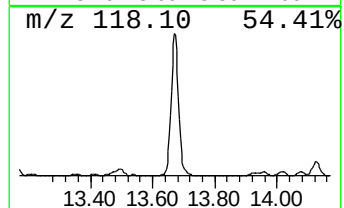
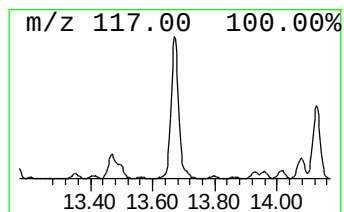
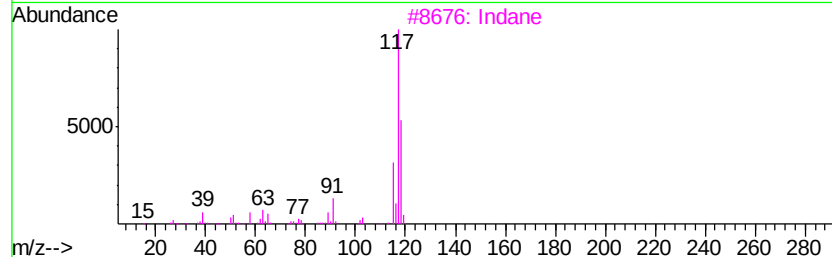
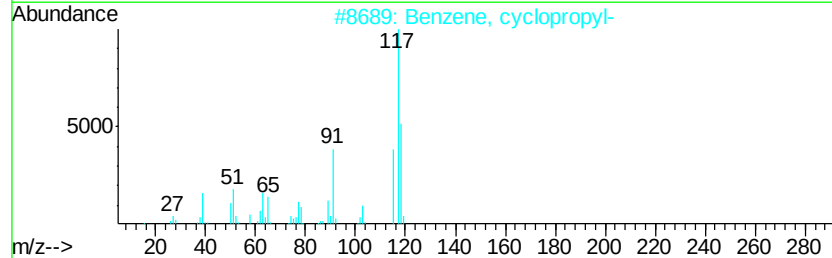
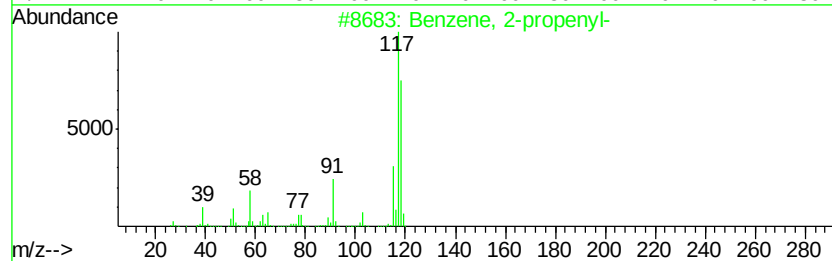
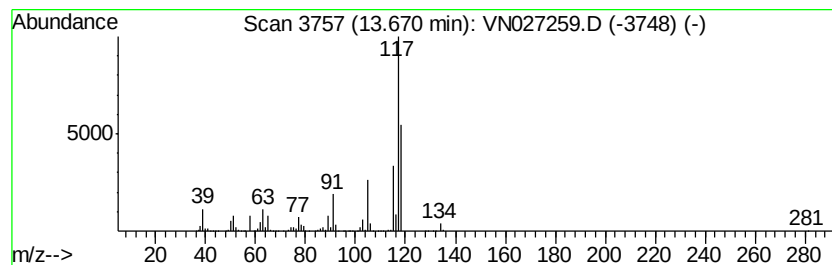
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	34.45 ug/l	1756600	1,4-Dichlorobenzene-d4	13.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3		Indane	118	C9H10	000496-11-7	70
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	62
5		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	62



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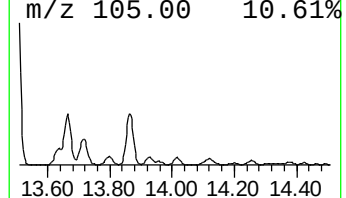
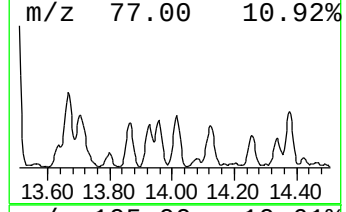
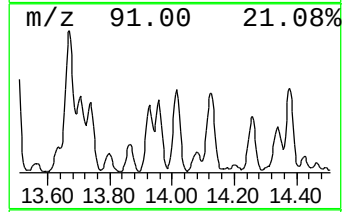
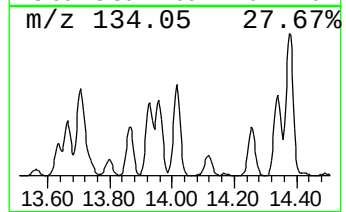
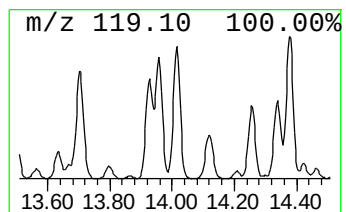
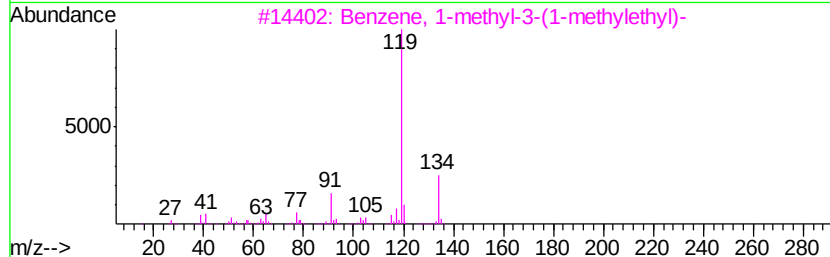
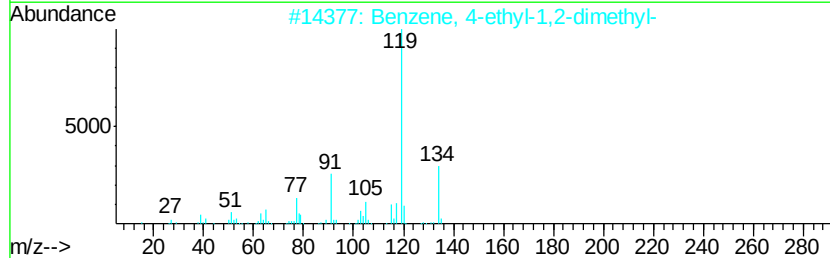
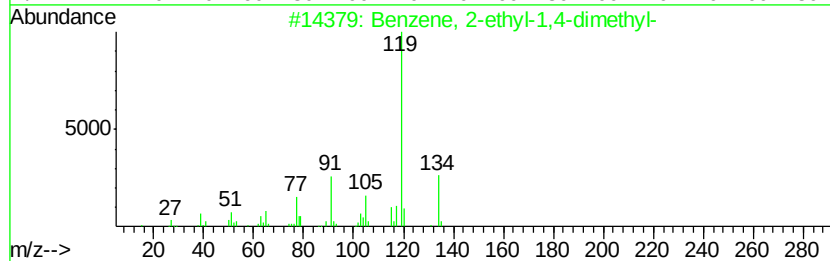
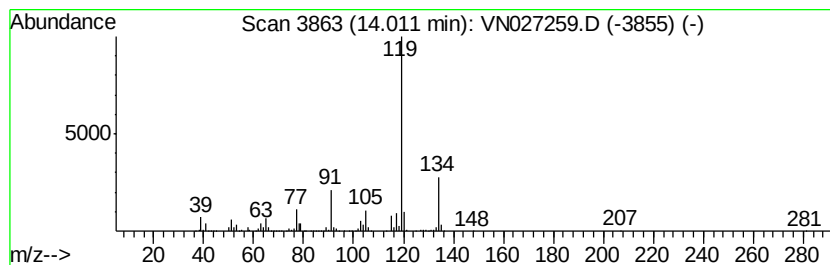
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	17.03 ug/l	868549	1,4-Dichlorobenzene-d4	13.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	95
5		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	95



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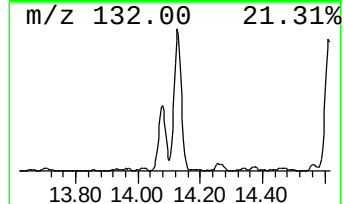
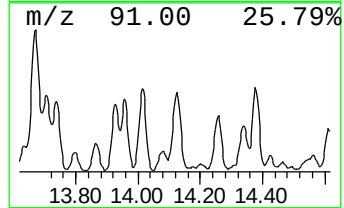
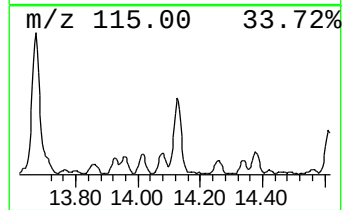
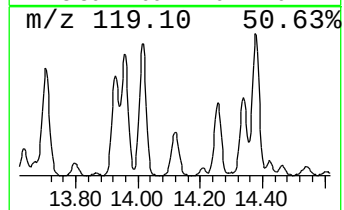
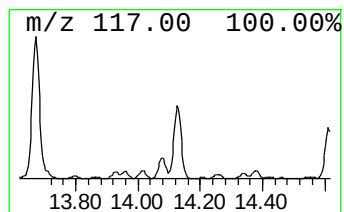
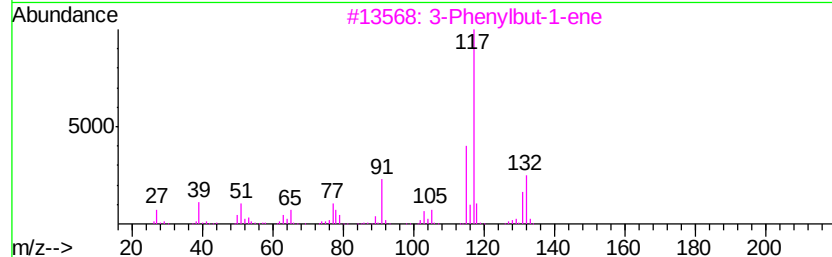
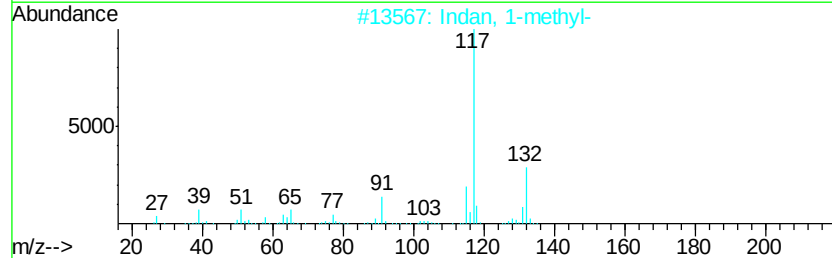
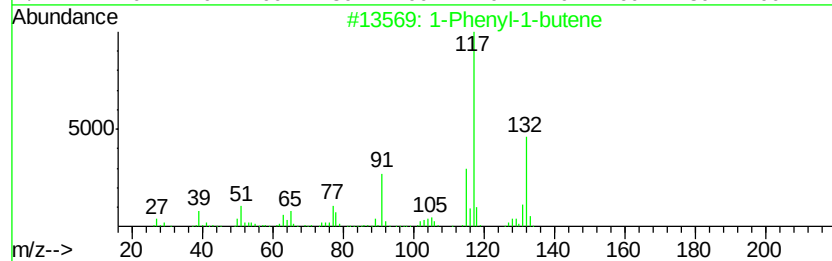
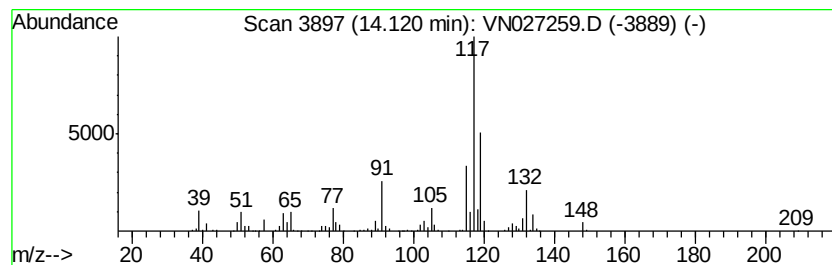
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

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

Peak Number 5 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	21.29 ug/l	1085480	1,4-Dichlorobenzene-d4	13.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2		Indan, 1-methyl-	132	C10H12	000767-58-8	70
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	70
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70



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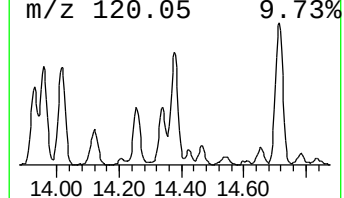
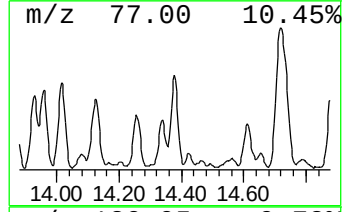
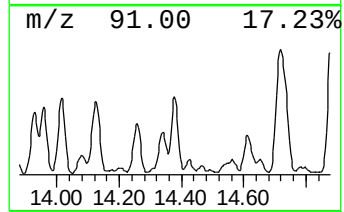
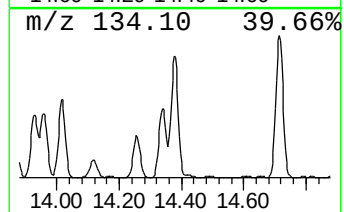
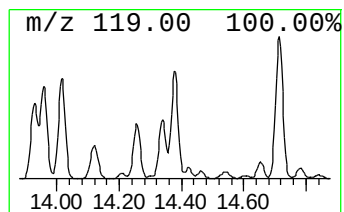
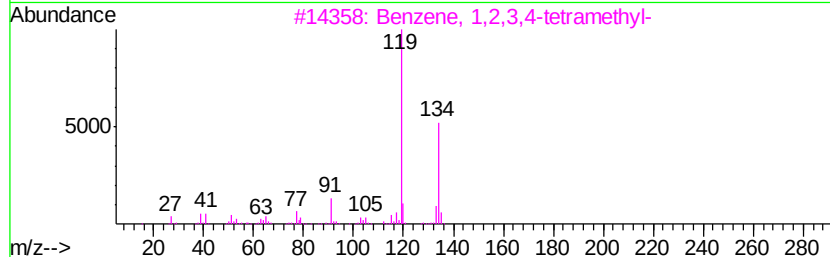
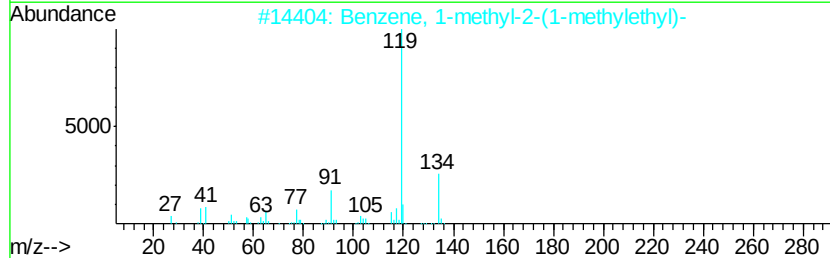
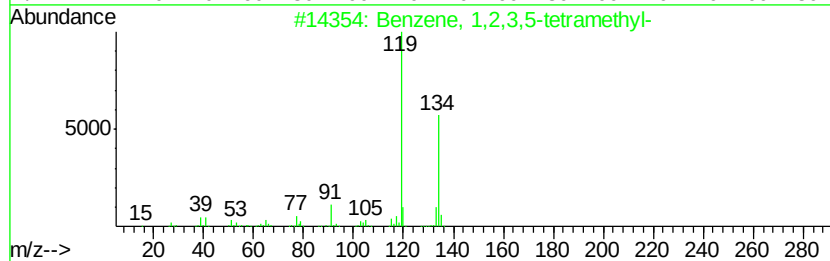
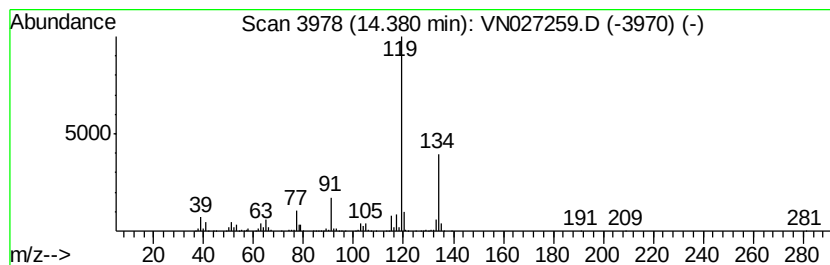
Instrument :
MSVOA_N
ClientSampleId :
MW-4-9-15-15

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, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	17.92 ug/l	913522	1,4-Dichlorobenzene-d4	13.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 95
2		Benzene, 1-methyl-2-(1-methyleth...	134 C10H14	000527-84-4 95
3		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 94
4		Benzene, 1-methyl-4-(1-methyleth...	134 C10H14	000099-87-6 94
5		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 94



Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027259.D
Acq On : 17 Sep 2015 17:03
Operator : MD\FY
Sample : G3704-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-4-9-15-15

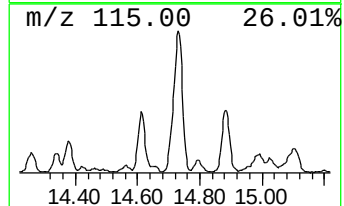
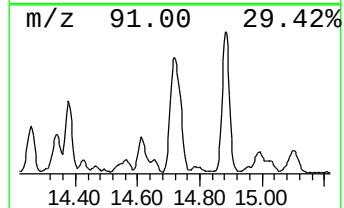
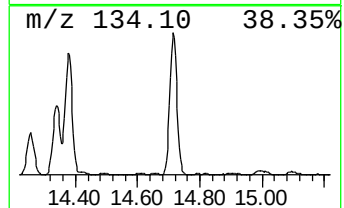
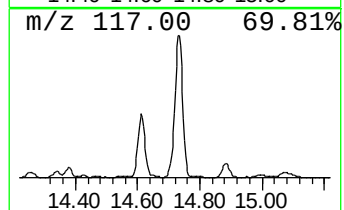
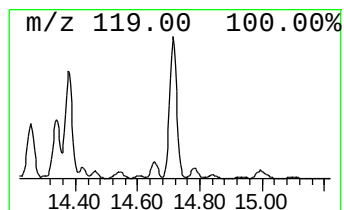
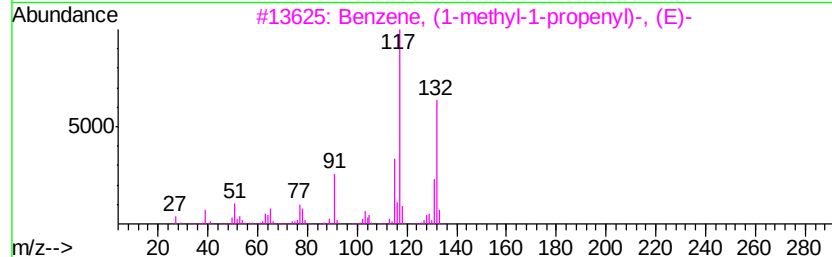
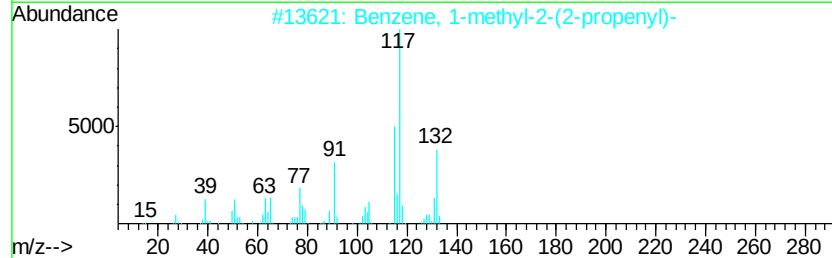
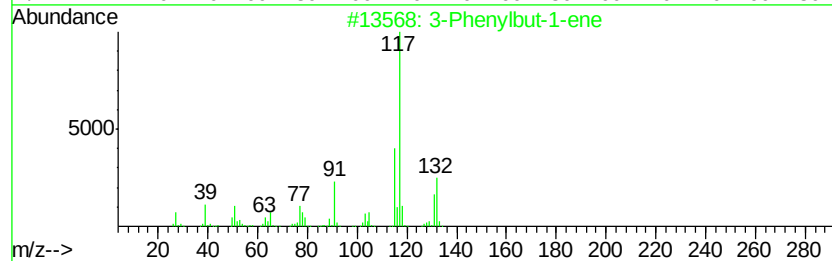
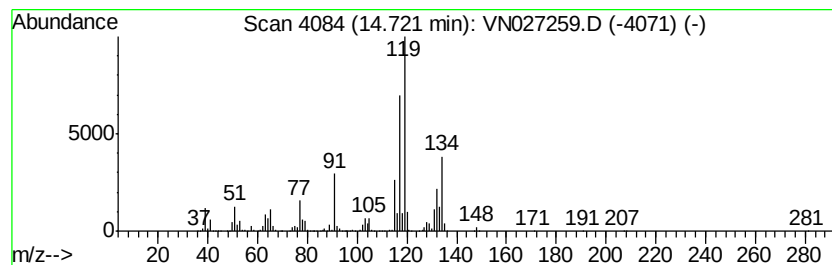
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

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

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	54.24 ug/l	2765570	1,4-Dichlorobenzene-d4	13.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70



Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027259.D
Acq On : 17 Sep 2015 17:03
Operator : MD\FY
Sample : G3704-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

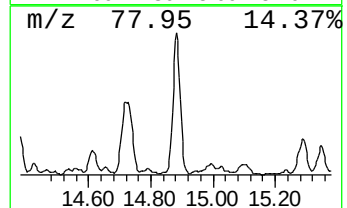
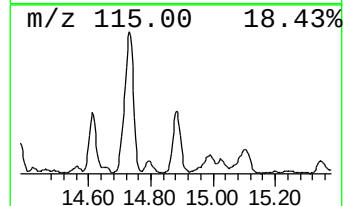
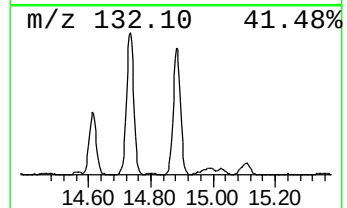
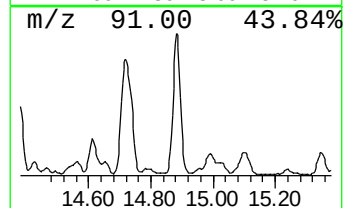
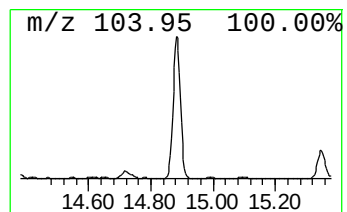
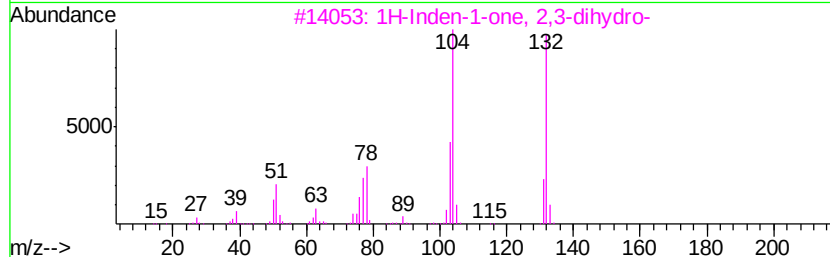
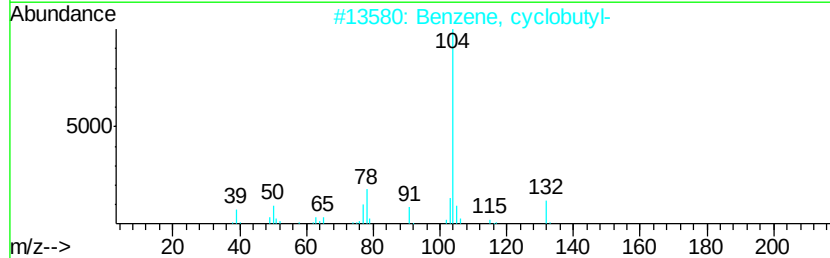
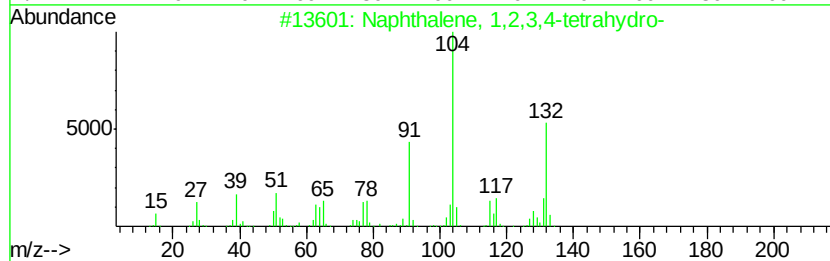
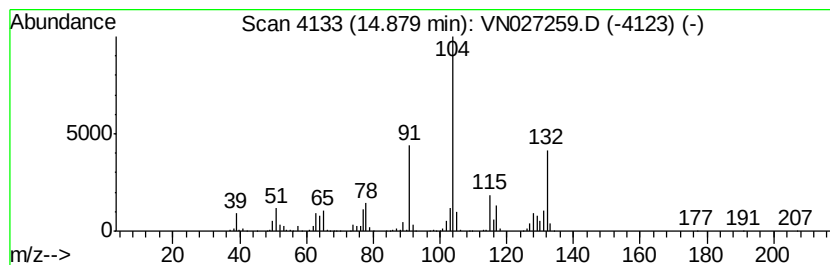
Instrument :
MSVOA_N
ClientSampleId :
MW-4-9-15-15

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 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	24.98 ug/l	1273650	1,4-Dichlorobenzene-d4	13.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132 C10H12	000119-64-2 96
2		Benzene, cyclobutyl-	132 C10H12	004392-30-7 53
3		1H-Inden-1-one, 2,3-dihydro-	132 C9H8O	000083-33-0 38
4		2H-Inden-2-one, 1,3-dihydro-	132 C9H8O	000615-13-4 38
5		2-Propenoic acid, 2-phenylethyl ...	176 C11H12O2	003530-36-7 38



Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027259.D
Acq On : 17 Sep 2015 17:03
Operator : MD\FY
Sample : G3704-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4-9-15-15

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.77	63.1	ug/l	3216970	4	13.47	2549470	50.0
Benzene, 2-propenyl-	13.67	34.5	ug/l	1756600	4	13.47	2549470	50.0
Benzene, 2-ethyl-...	14.01	17.0	ug/l	868549	4	13.47	2549470	50.0
1-Phenyl-1-butene	14.12	21.3	ug/l	1085480	4	13.47	2549470	50.0
Benzene, 1,2,3,5-...	14.38	17.9	ug/l	913522	4	13.47	2549470	50.0
3-Phenylbut-1-ene	14.72	54.2	ug/l	2765570	4	13.47	2549470	50.0
Naphthalene, 1,2,...	14.88	25.0	ug/l	1273650	4	13.47	2549470	50.0