

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054097.D
 Acq On : 5 Mar 2019 14:21
 Operator : JC/SP
 Sample : K1727-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

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 : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.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	2.188	122	129	140	rVB	93765	140073	1.50%	0.164%
2	5.043	995	1017	1043	rVB6	35793	122360	1.31%	0.143%
3	6.628	1492	1510	1529	rBV4	30701	99035	1.06%	0.116%
4	6.831	1549	1573	1622	rBV	3180985	9358681	100.00%	10.972%
5	7.590	1790	1809	1820	rBV	446694	1133302	12.11%	1.329%
6	7.667	1821	1833	1854	rVB	645315	1573139	16.81%	1.844%
7	8.027	1928	1945	1972	rBV2	472512	1154042	12.33%	1.353%
8	8.587	2102	2119	2163	rBV	1109513	2546201	27.21%	2.985%
9	9.082	2264	2273	2284	rVB4	47894	102354	1.09%	0.120%
10	9.651	2443	2450	2466	rVB2	48130	100509	1.07%	0.118%
11	10.091	2571	2587	2597	rBV	1765133	3369323	36.00%	3.950%
12	10.156	2597	2607	2643	rVB	1996492	4052742	43.30%	4.751%
13	11.406	2982	2996	3017	rBV	1654036	3143687	33.59%	3.686%
14	11.509	3017	3028	3046	rVB	491368	897897	9.59%	1.053%
15	11.619	3047	3062	3083	rBV	3080161	6171422	65.94%	7.235%
16	11.947	3142	3164	3187	rBV	2091580	3762384	40.20%	4.411%
17	12.165	3224	3232	3248	rVB5	49847	95510	1.02%	0.112%
18	12.400	3295	3305	3316	rBV	1321938	2147415	22.95%	2.518%
19	12.590	3357	3364	3373	rVB	150962	241611	2.58%	0.283%
20	12.654	3373	3384	3391	rBV	1538854	2618082	27.97%	3.069%
21	12.731	3400	3408	3420	rVB2	2557156	4045751	43.23%	4.743%
22	12.889	3444	3457	3473	rBV	1163826	2070766	22.13%	2.428%
23	12.959	3473	3479	3485	rBV3	103315	149368	1.60%	0.175%
24	13.040	3493	3504	3515	rVB	3167165	5006545	53.50%	5.870%
25	13.165	3530	3543	3551	rBV6	94207	228173	2.44%	0.268%
26	13.233	3553	3564	3573	rVV2	460855	827209	8.84%	0.970%
27	13.287	3573	3581	3587	rVV2	321490	528782	5.65%	0.620%
28	13.345	3588	3599	3603	rVV	1743896	3050369	32.59%	3.576%
29	13.374	3603	3608	3618	rVV	2112097	3267807	34.92%	3.831%
30	13.422	3619	3623	3638	rVB2	135282	272633	2.91%	0.320%
31	13.541	3641	3660	3666	rBV	1226903	2400208	25.65%	2.814%
32	13.580	3666	3672	3689	rVB2	1697682	2874388	30.71%	3.370%
33	13.670	3690	3700	3710	rBV	763857	1193853	12.76%	1.400%
34	13.738	3714	3721	3731	rVV	352530	549903	5.88%	0.645%

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35	13.802	3732	3741	3745	rVV	487350	746967	7.98%	0.876%
36	13.831	3746	3750	3759	rVV	574100	833858	8.91%	0.978%
37	13.889	3759	3768	3778	rVB	1348293	2063009	22.04%	2.419%
38	13.995	3791	3801	3810	rBV2	724591	1142249	12.21%	1.339%
39	14.046	3810	3817	3832	rVB3	198040	400536	4.28%	0.470%
40	14.127	3832	3842	3851	rBV2	480825	805995	8.61%	0.945%
41	14.210	3853	3868	3873	rVV	1066328	1892265	20.22%	2.218%
42	14.249	3874	3880	3889	rVV	1236626	1840886	19.67%	2.158%
43	14.294	3889	3894	3901	rVB	176786	207044	2.21%	0.243%
44	14.336	3901	3907	3913	rBV	117814	146132	1.56%	0.171%
45	14.474	3943	3950	3959	rVV2	249773	392112	4.19%	0.460%
46	14.525	3959	3966	3973	rVV	191637	266553	2.85%	0.313%
47	14.583	3973	3984	3996	rVV4	1209278	2440890	26.08%	2.862%
48	14.644	3997	4003	4016	rVB5	306244	516736	5.52%	0.606%
49	14.741	4024	4033	4042	rVB	253165	396379	4.24%	0.465%
50	14.850	4058	4067	4090	rBV6	180361	488166	5.22%	0.572%
51	14.956	4092	4100	4111	rVB3	141742	275090	2.94%	0.323%
52	15.130	4141	4154	4166	rVB	300929	579136	6.19%	0.679%
53	15.419	4237	4244	4256	rVB5	85899	167911	1.79%	0.197%
54	16.159	4465	4474	4487	rVB2	94054	186084	1.99%	0.218%
55	16.352	4522	4534	4545	rBV2	88026	212764	2.27%	0.249%

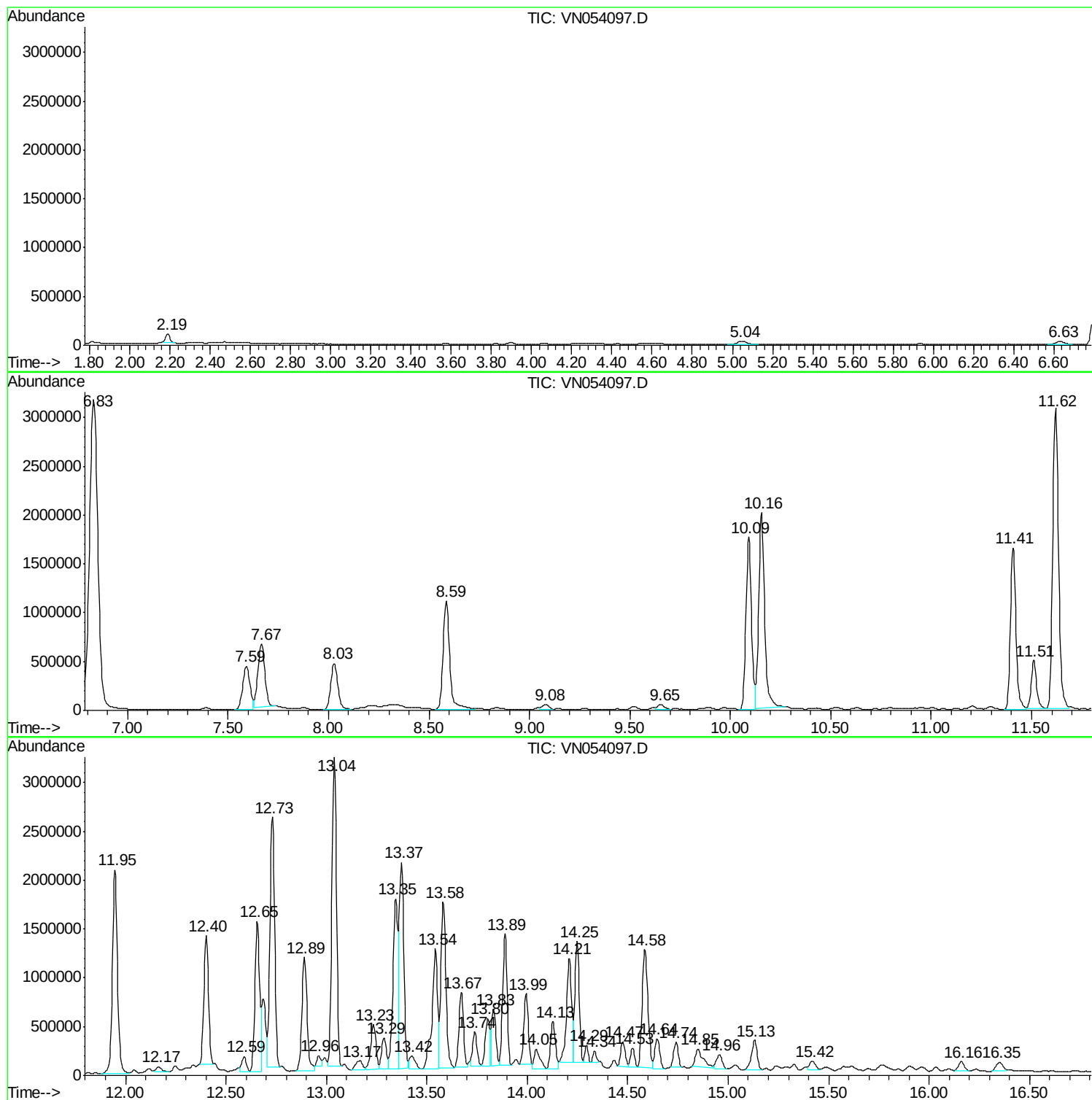
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-11

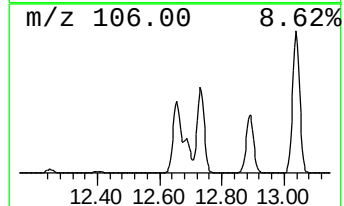
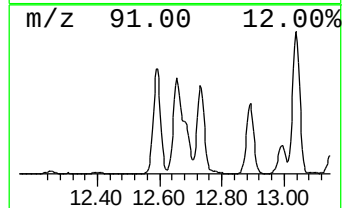
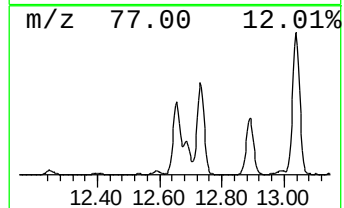
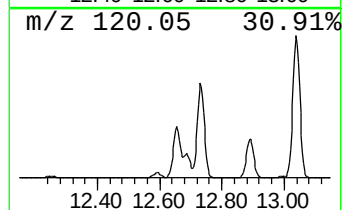
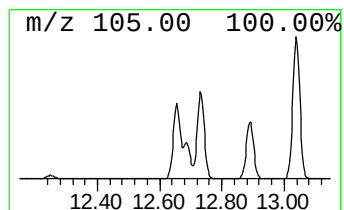
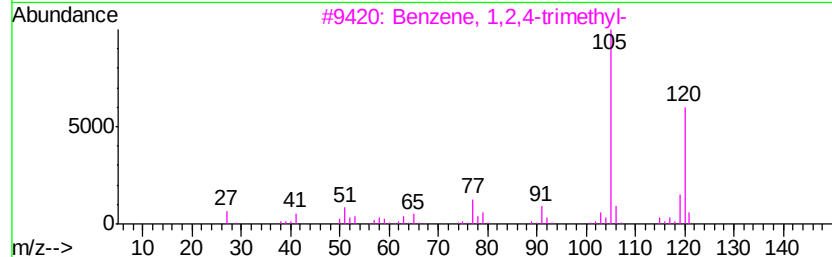
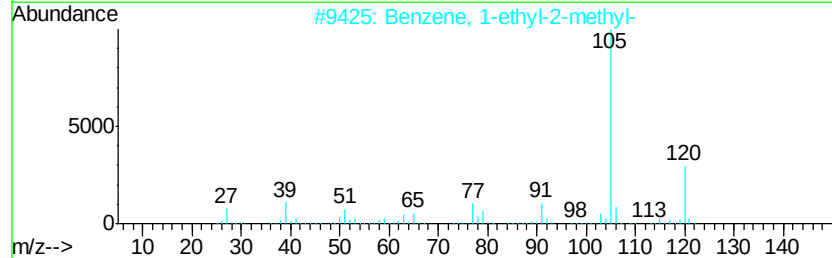
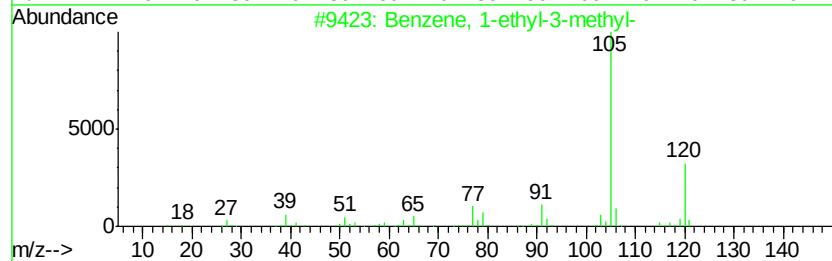
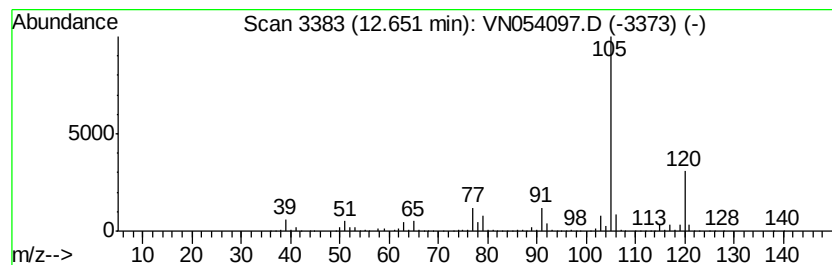
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	42.91 ug/l	2618080	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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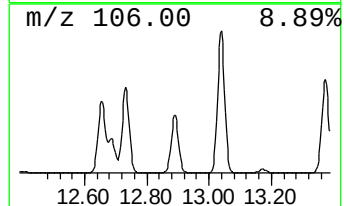
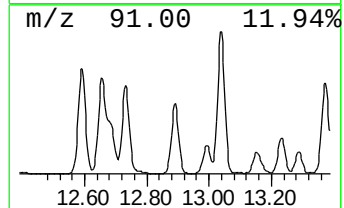
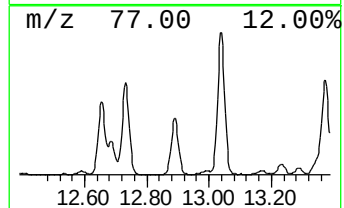
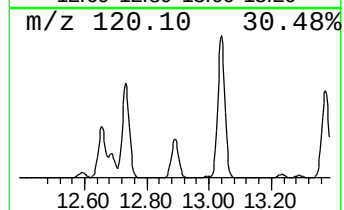
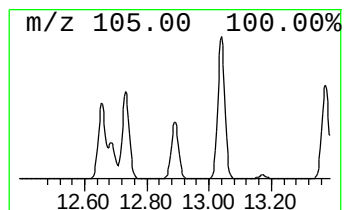
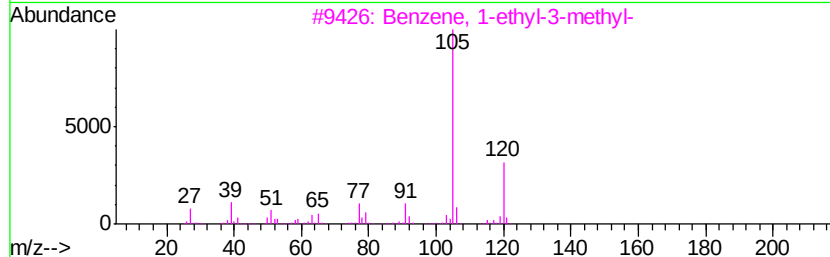
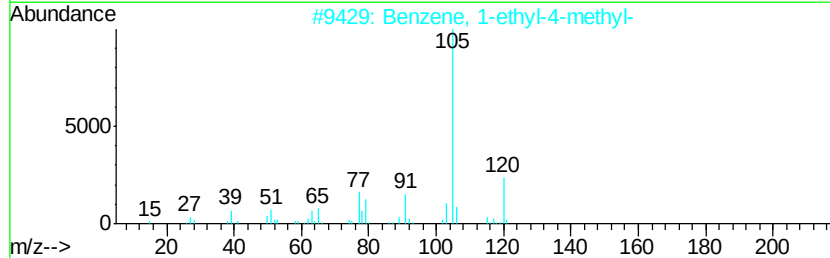
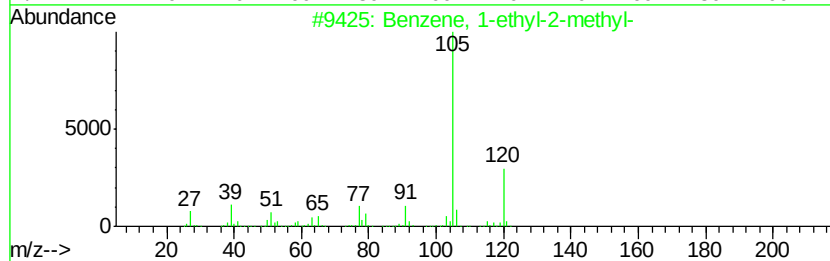
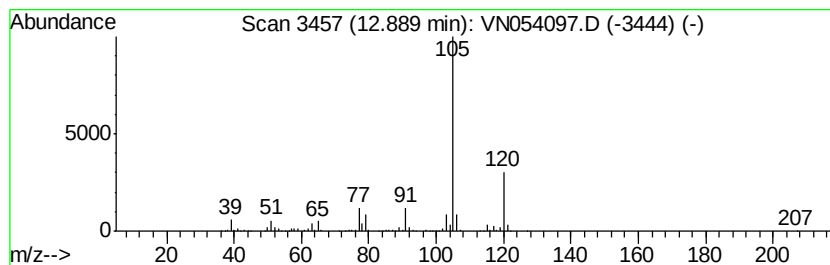
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	33.94 ug/l	2070770	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

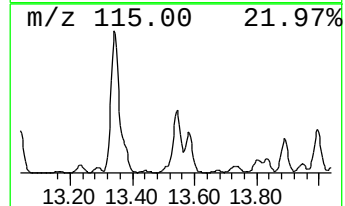
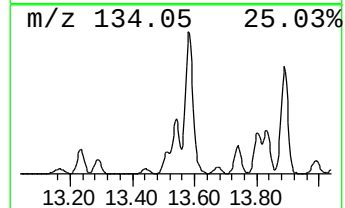
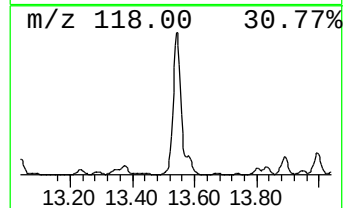
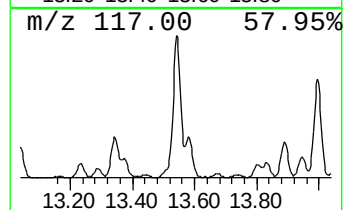
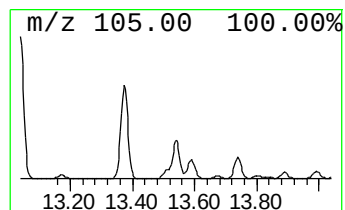
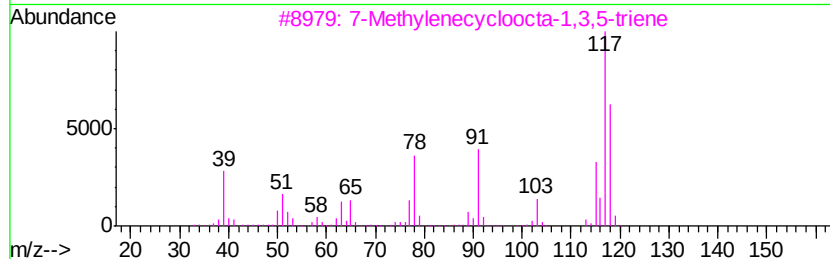
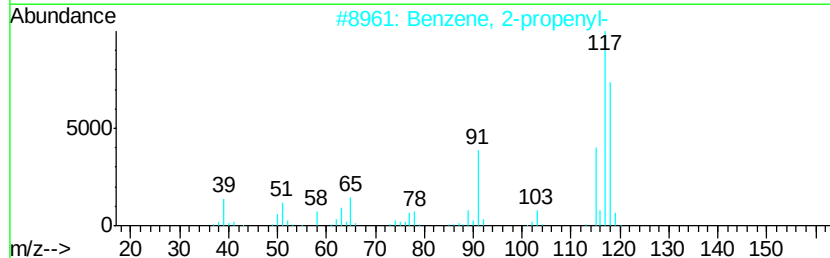
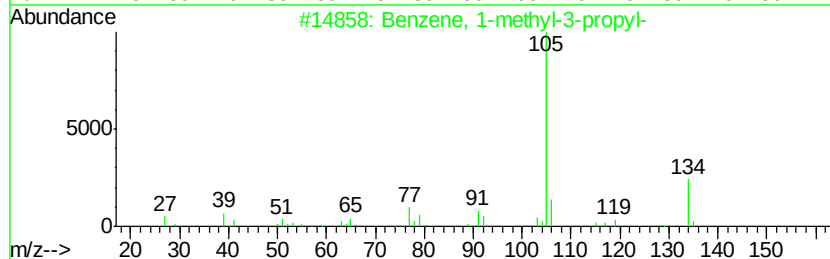
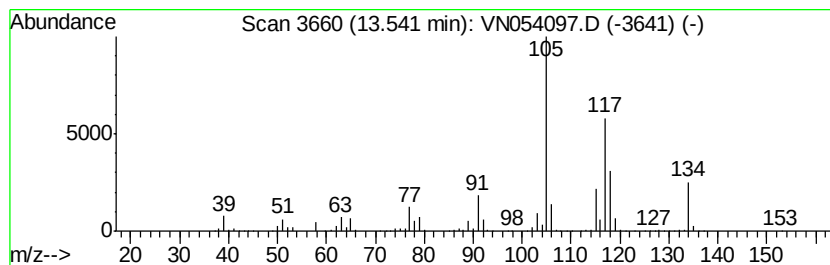
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	39.34 ug/l	2400210	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7 46
2		Benzene, 2-propenyl-	118 C9H10	000300-57-2 46
3		7-Methylenecycloocta-1,3,5-triene	118 C9H10	002570-13-0 43
4		Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1 38
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118 C9H10	1000191-13-7 38



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ALS Vial : 9 Sample Multiplier: 1

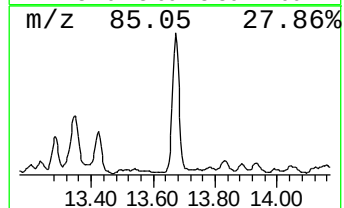
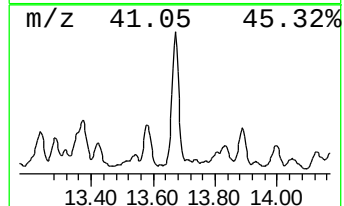
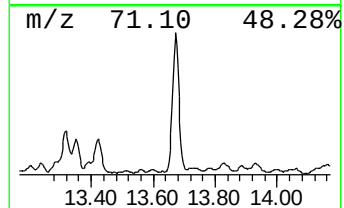
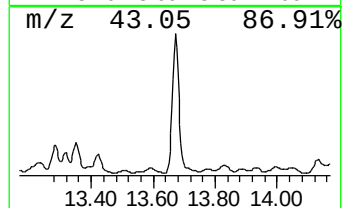
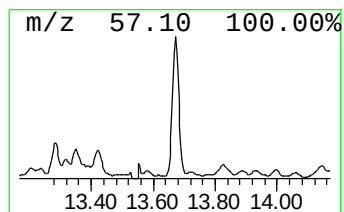
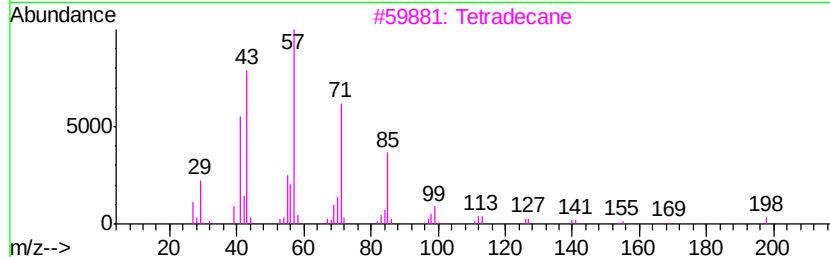
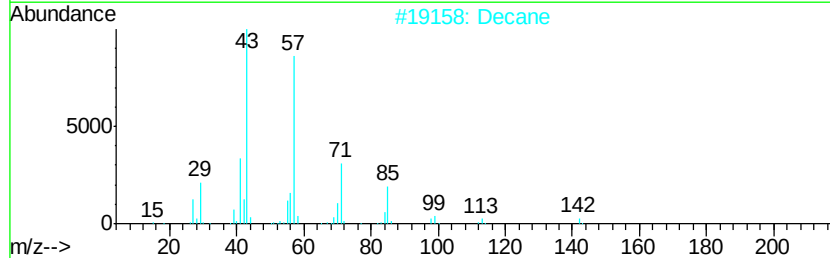
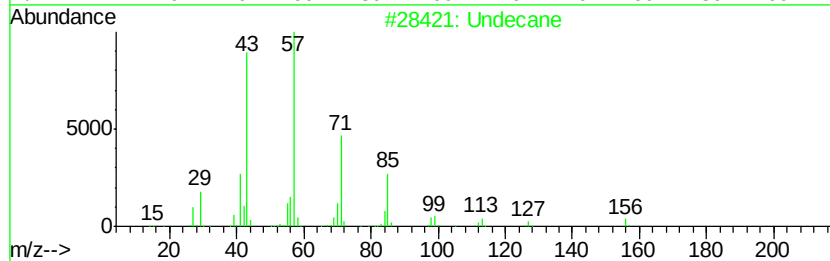
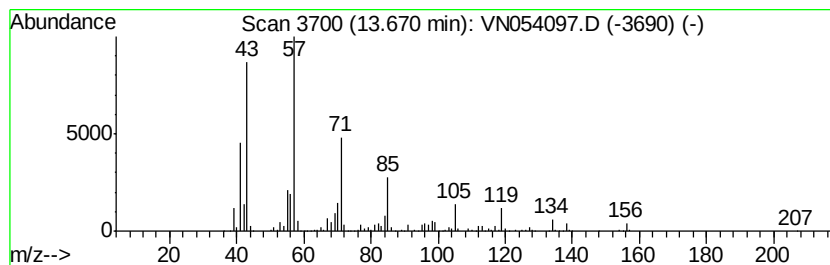
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	19.57 ug/l	1193850	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	94
2	Decane	142 C10H22	000124-18-5	58
3	Tetradecane	198 C14H30	000629-59-4	58
4	Tridecane	184 C13H28	000629-50-5	58
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	53



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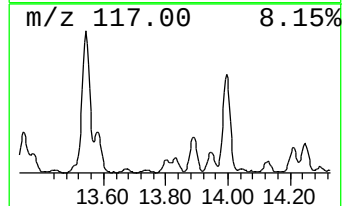
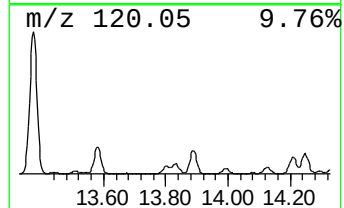
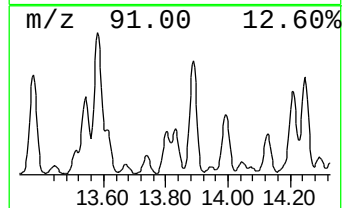
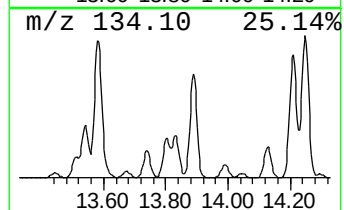
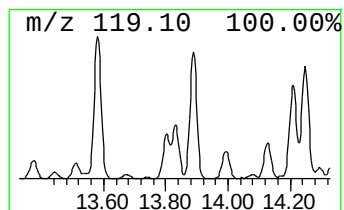
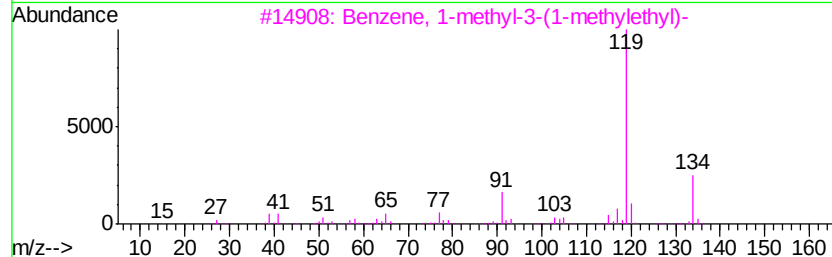
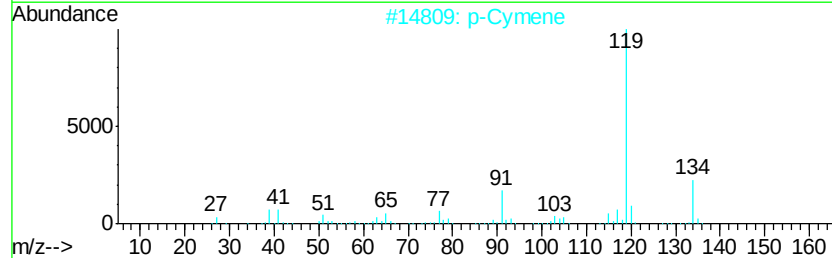
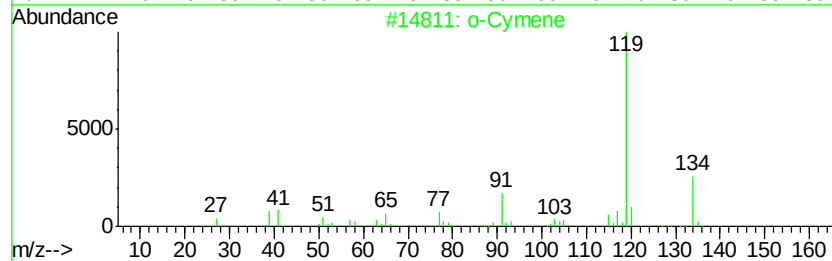
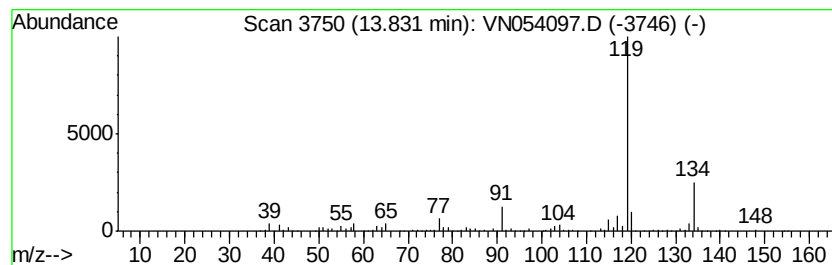
Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.83	13.67 ug/l	833858	1,4-Dichlorobenzene-d4	13.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
Data File : VN054097.D
Acq On : 5 Mar 2019 14:21
Operator : JC/SP
Sample : K1727-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

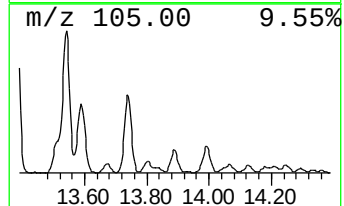
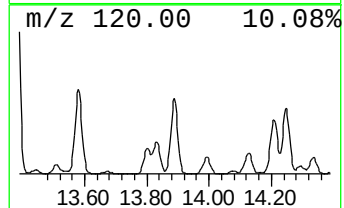
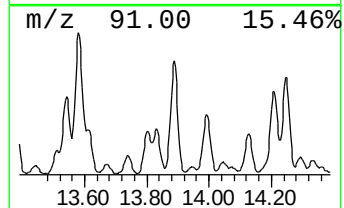
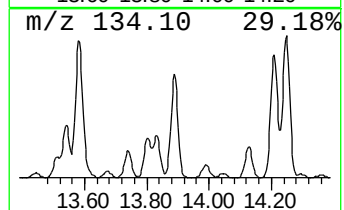
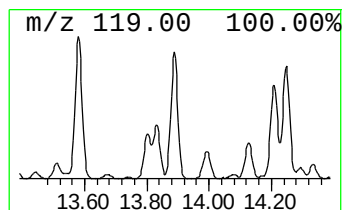
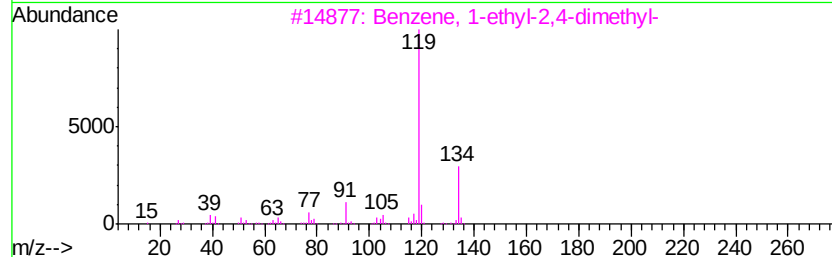
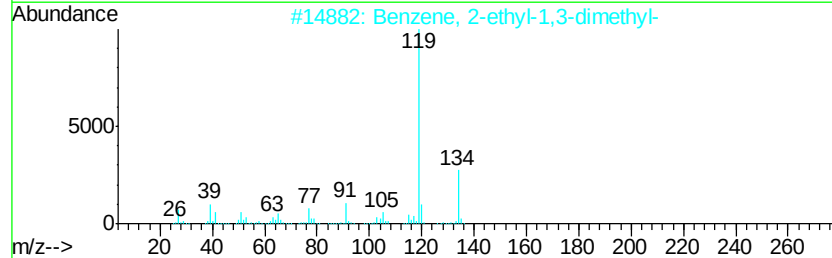
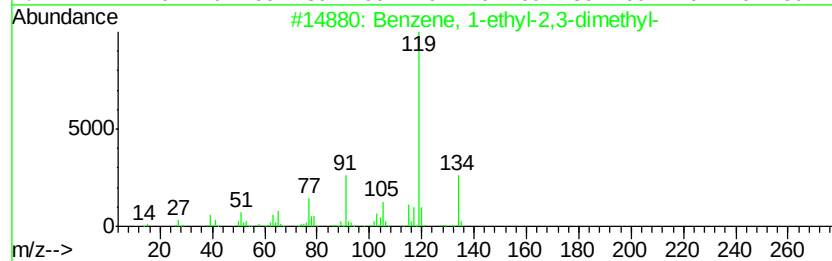
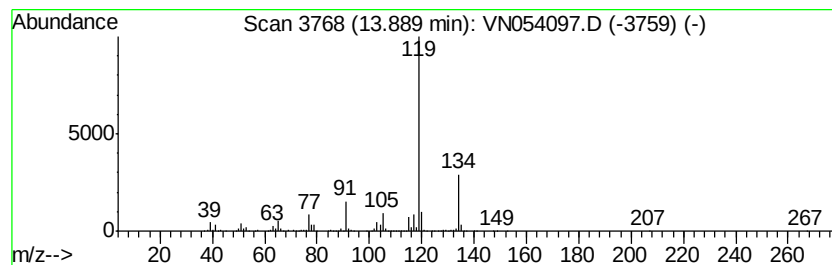
Instrument :
MSVOA_N
ClientSampled :
MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	33.82 ug/l	2063010	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 96
2		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 95
3		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 95
4		o-Cymene	134 C10H14	000527-84-4 95
5		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030519\
Data File : VN054097.D
Acq On : 5 Mar 2019 14:21
Operator : JC/SP
Sample : K1727-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

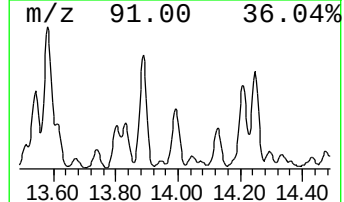
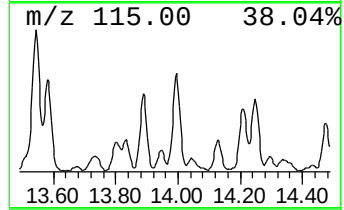
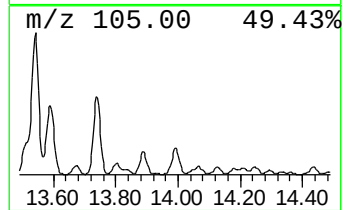
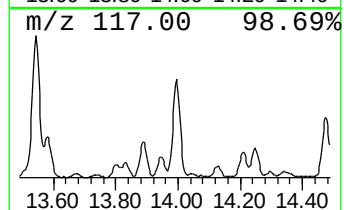
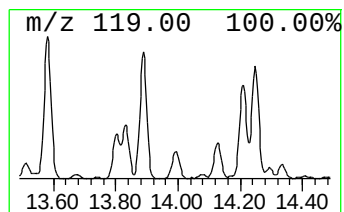
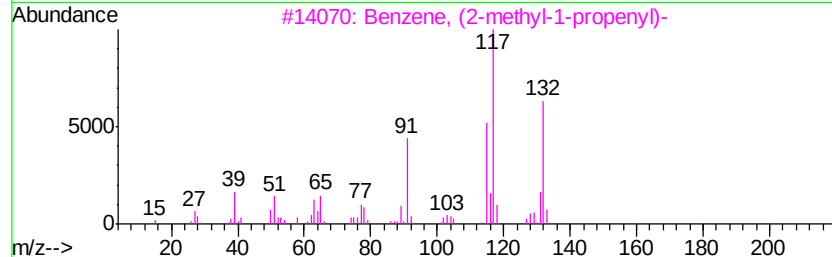
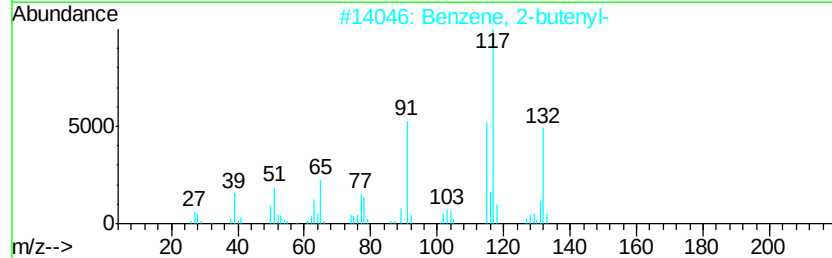
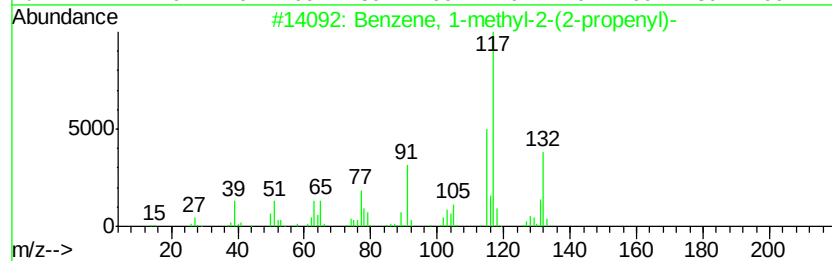
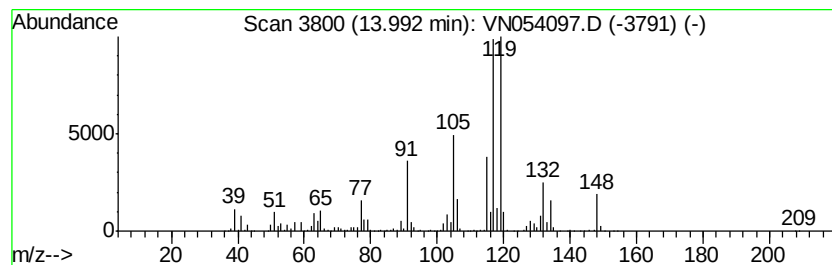
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	18.72 ug/l	1142250	1,4-Dichlorobenzene-d4	13.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
4		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030519\
Data File : VN054097.D
Acq On : 5 Mar 2019 14:21
Operator : JC/SP
Sample : K1727-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-11

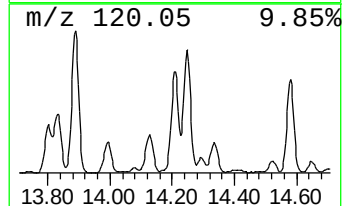
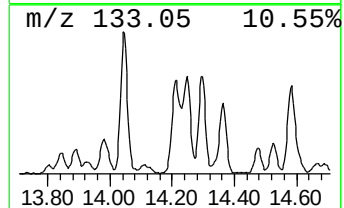
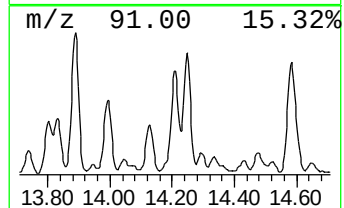
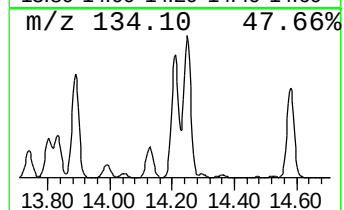
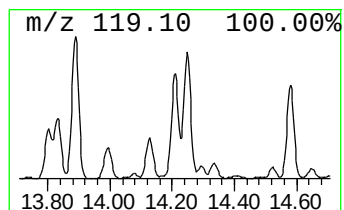
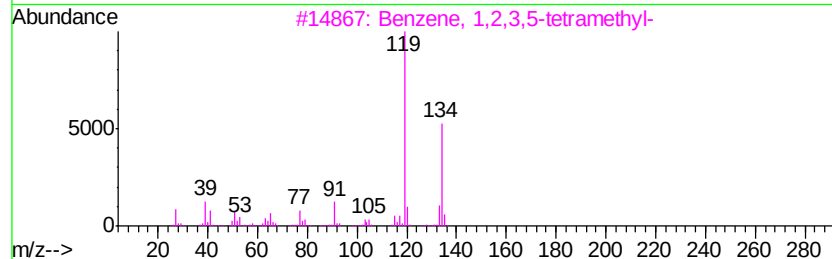
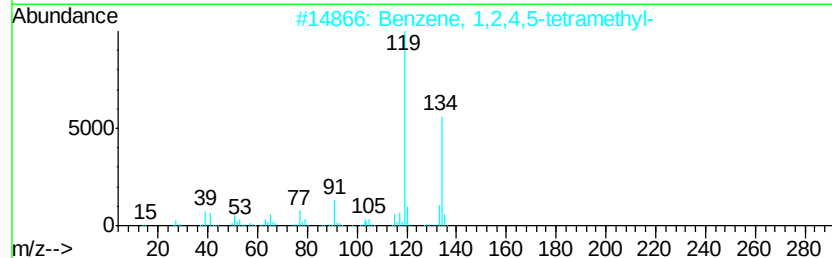
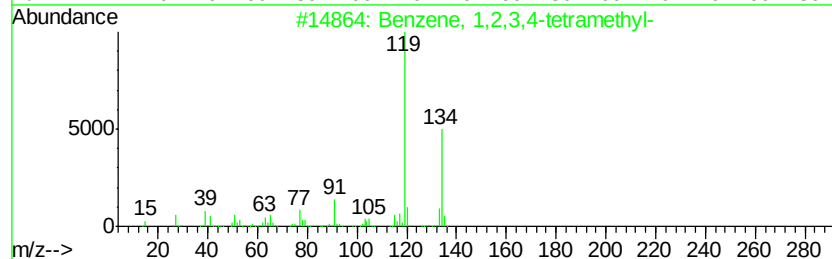
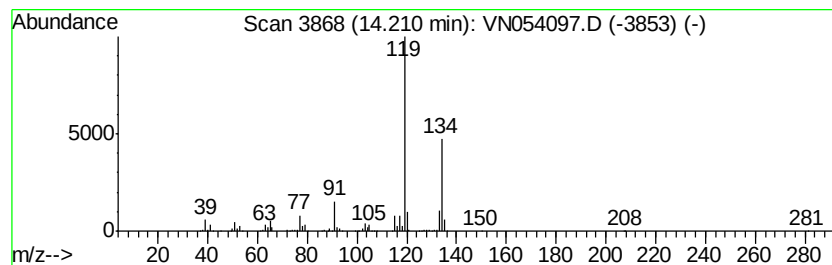
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	31.02 ug/l	1892270	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030519\
Data File : VN054097.D
Acq On : 5 Mar 2019 14:21
Operator : JC/SP
Sample : K1727-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.65	42.9	ug/l	2618080	4	13.34	3050370	50.0
Benzene, 1-ethyl-...	12.89	33.9	ug/l	2070770	4	13.34	3050370	50.0
Benzene, 1-methyl...	13.54	39.3	ug/l	2400210	4	13.34	3050370	50.0
Undecane	13.67	19.6	ug/l	1193850	4	13.34	3050370	50.0
o-Cymene	13.83	13.7	ug/l	833858	4	13.34	3050370	50.0
Benzene, 1-ethyl-...	13.89	33.8	ug/l	2063010	4	13.34	3050370	50.0
Benzene, 1-methyl...	13.99	18.7	ug/l	1142250	4	13.34	3050370	50.0
Benzene, 1,2,3,4-...	14.21	31.0	ug/l	1892270	4	13.34	3050370	50.0