

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101919\
 Data File : VU035309.D
 Acq On : 19 Oct 2019 11:31
 Operator : JC/SP
 Sample : K5344-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L4

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0 % 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_U\METHOD\SOMULM101919WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.617	78	86	99	rBV	403974	445361	16.47%	1.997%
2	1.704	109	113	123	rVB	15015	16525	0.61%	0.074%
3	1.932	176	184	200	rVB	313406	415466	15.36%	1.863%
4	2.598	378	391	405	rBV	577726	965814	35.71%	4.332%
5	2.672	406	414	429	rVB	52272	93644	3.46%	0.420%
6	2.990	510	513	516	rBV4	822	583	0.02%	0.003%
7	3.086	528	543	567	rBV	320723	633278	23.41%	2.840%
8	3.237	580	590	604	rVB3	12847	28315	1.05%	0.127%
9	3.392	632	638	639	rBV3	1699	1387	0.05%	0.006%
10	3.466	658	661	667	rBV4	605	475	0.02%	0.002%
11	3.546	682	686	690	rBV3	416	397	0.01%	0.002%
12	3.627	703	711	714	rBV6	1583	2345	0.09%	0.011%
13	3.697	727	733	736	rBV5	582	671	0.02%	0.003%
14	3.932	804	806	813	rVB4	830	703	0.03%	0.003%
15	4.170	877	880	885	rVB4	519	495	0.02%	0.002%
16	4.247	900	904	907	rBV2	574	500	0.02%	0.002%
17	4.401	947	952	957	rBV4	402	422	0.02%	0.002%
18	4.482	971	977	978	rBV	435	403	0.01%	0.002%
19	4.575	998	1006	1009	rBV5	1784	2732	0.10%	0.012%
20	4.697	1026	1044	1064	rBV	254243	614503	22.72%	2.756%
21	5.115	1157	1174	1201	rBV	472951	1046423	38.69%	4.693%
22	5.421	1262	1269	1270	rBV4	2302	2091	0.08%	0.009%
23	5.617	1327	1330	1333	rBV3	487	395	0.01%	0.002%
24	5.771	1356	1378	1415	rBV2	1018267	2704732	100.00%	12.130%
25	6.163	1496	1500	1501	rBV3	1082	763	0.03%	0.003%
26	6.292	1526	1540	1566	rBV	792191	1524322	56.36%	6.836%
27	6.569	1620	1626	1628	rBV4	4685	5267	0.19%	0.024%
28	6.736	1662	1678	1706	rBV	612700	1230344	45.49%	5.518%
29	7.096	1783	1790	1793	rBV4	645	754	0.03%	0.003%
30	7.218	1823	1828	1831	rBV5	1341	1418	0.05%	0.006%
31	7.273	1842	1845	1847	rBV3	968	598	0.02%	0.003%
32	7.286	1847	1849	1852	rVV3	782	557	0.02%	0.002%
33	7.414	1883	1889	1890	rBV3	1469	1177	0.04%	0.005%
34	7.604	1930	1948	1973	rBV	353785	651441	24.09%	2.922%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Title : VOC Analysis

35	7.842	2015	2022	2032	rBV4	6620	11812	0.44%	0.053%
36	7.935	2037	2051	2066	rBV	1245018	2180755	80.63%	9.780%
37	8.215	2122	2138	2158	rBV	236152	440148	16.27%	1.974%
38	8.440	2202	2208	2210	rBV5	1001	1000	0.04%	0.004%
39	8.559	2241	2245	2248	rVB4	568	476	0.02%	0.002%
40	8.588	2248	2254	2260	rBV5	2008	2718	0.10%	0.012%
41	8.684	2269	2284	2329	rBV	492730	1294786	47.87%	5.807%
42	8.970	2371	2373	2375	rBV2	741	434	0.02%	0.002%
43	9.228	2450	2453	2456	rBV3	669	424	0.02%	0.002%
44	9.289	2467	2472	2475	rVB3	457	414	0.02%	0.002%
45	9.449	2507	2522	2560	rVB	1057833	1895829	70.09%	8.502%
46	9.601	2560	2569	2584	rBV	18973	31850	1.18%	0.143%
47	9.723	2597	2607	2627	rVB	46495	81433	3.01%	0.365%
48	9.903	2659	2663	2665	rBV2	735	616	0.02%	0.003%
49	9.938	2669	2674	2676	rBV3	613	538	0.02%	0.002%
50	10.015	2694	2698	2701	rBV3	658	640	0.02%	0.003%
51	10.035	2701	2704	2707	rVV5	780	542	0.02%	0.002%
52	10.051	2707	2709	2713	rVV3	631	565	0.02%	0.003%
53	10.131	2722	2734	2756	rVV	90747	154327	5.71%	0.692%
54	10.295	2781	2785	2793	rVB7	1239	1407	0.05%	0.006%
55	10.330	2793	2796	2800	rBV2	626	563	0.02%	0.003%
56	10.353	2801	2803	2806	rVB	767	398	0.01%	0.002%
57	10.372	2806	2809	2810	rBV2	851	471	0.02%	0.002%
58	10.494	2836	2847	2864	rVV3	47024	96260	3.56%	0.432%
59	10.639	2887	2892	2894	rBV3	570	477	0.02%	0.002%
60	10.658	2894	2898	2903	rVV4	475	535	0.02%	0.002%
61	10.729	2916	2920	2922	rBV3	1638	1441	0.05%	0.006%
62	10.787	2925	2938	2958	rVV	773455	1323817	48.94%	5.937%
63	10.935	2971	2984	2996	rBV	23907	39951	1.48%	0.179%
64	11.025	3004	3012	3018	rBV2	22267	38715	1.43%	0.174%
65	11.115	3032	3040	3050	rBV	16840	26524	0.98%	0.119%
66	11.170	3050	3057	3067	rVB4	8181	12912	0.48%	0.058%
67	11.228	3072	3075	3080	rVB4	664	626	0.02%	0.003%
68	11.273	3080	3089	3091	rBV6	1556	1944	0.07%	0.009%
69	11.321	3091	3104	3119	rVV	65723	110241	4.08%	0.494%
70	11.408	3128	3131	3134	rBV2	520	436	0.02%	0.002%
71	11.494	3147	3158	3177	rBV	139147	245910	9.09%	1.103%

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72	11.639	3196	3203	3207	rBV4	3367	4911	0.18%	0.022%
73	11.668	3208	3212	3222	rVV3	5380	7691	0.28%	0.034%
74	11.774	3235	3245	3253	rBV6	14880	23151	0.86%	0.104%
75	11.842	3253	3266	3282	rVV	804268	1428460	52.81%	6.406%
76	11.922	3282	3291	3303	rVB	82804	131054	4.85%	0.588%
77	12.031	3317	3325	3326	rBV5	2518	2077	0.08%	0.009%
78	12.125	3332	3354	3370	rBV	85507	153611	5.68%	0.689%
79	12.224	3371	3385	3404	rVV	962986	1715890	63.44%	7.695%
80	12.295	3404	3407	3409	rVV2	927	495	0.02%	0.002%
81	12.334	3410	3419	3430	rVV7	6023	11947	0.44%	0.054%
82	12.404	3432	3441	3451	rVB2	10790	16592	0.61%	0.074%
83	12.491	3458	3468	3473	rBV3	14505	22468	0.83%	0.101%
84	12.600	3494	3502	3509	rBV	16023	23530	0.87%	0.106%
85	12.642	3509	3515	3524	rVB3	7319	9907	0.37%	0.044%
86	12.710	3526	3536	3556	rVB3	33653	63510	2.35%	0.285%
87	12.903	3584	3596	3608	rBV2	9814	17275	0.64%	0.077%
88	12.996	3614	3625	3634	rBV4	25378	46190	1.71%	0.207%
89	13.054	3634	3643	3653	rVB	31625	48089	1.78%	0.216%
90	13.141	3664	3670	3674	rBV6	2106	2745	0.10%	0.012%
91	13.215	3688	3693	3695	rBV4	636	559	0.02%	0.003%
92	13.321	3717	3726	3737	rVB4	21584	33504	1.24%	0.150%
93	13.481	3766	3776	3790	rVB3	40746	66993	2.48%	0.300%
94	13.581	3805	3807	3810	rBV3	662	545	0.02%	0.002%
95	13.655	3818	3830	3840	rBV9	6830	11906	0.44%	0.053%
96	13.771	3859	3866	3873	rBV7	5388	9215	0.34%	0.041%
97	13.864	3887	3895	3906	rBV9	7189	12955	0.48%	0.058%
98	14.112	3965	3972	3982	rVB2	16852	25047	0.93%	0.112%
99	14.218	4000	4005	4011	rBV7	3044	4108	0.15%	0.018%
100	14.311	4028	4034	4041	rBV6	5124	6663	0.25%	0.030%

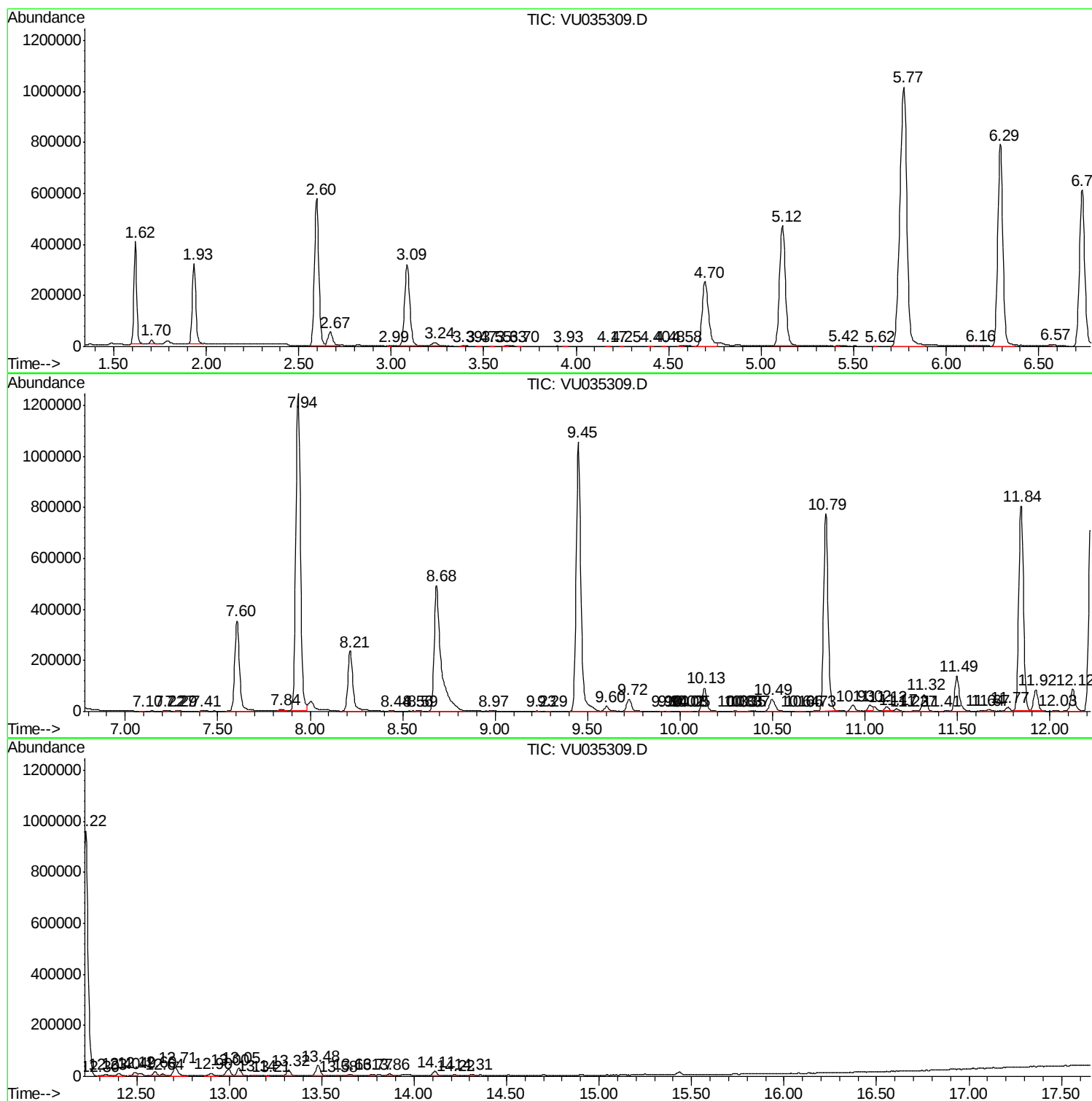
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Instrument :
MSVOA_U
ClientSampled :
BF6L4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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



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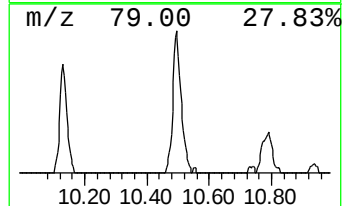
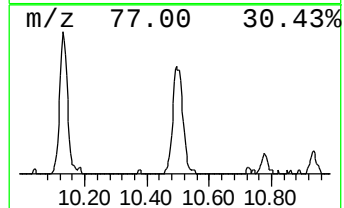
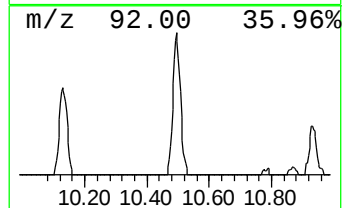
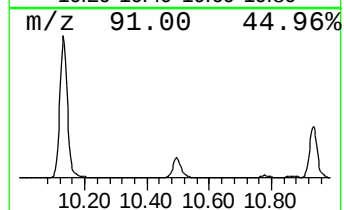
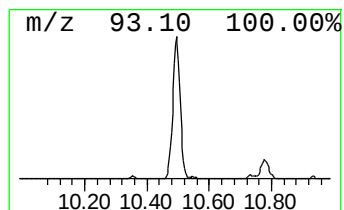
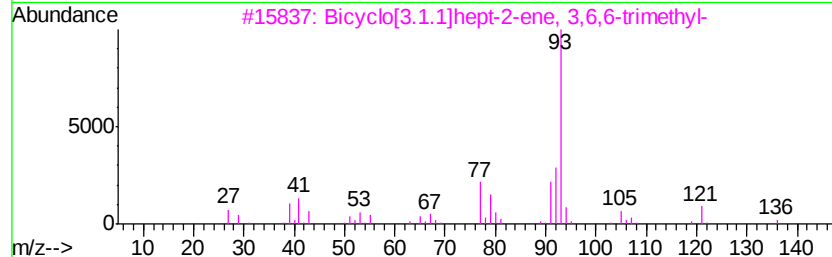
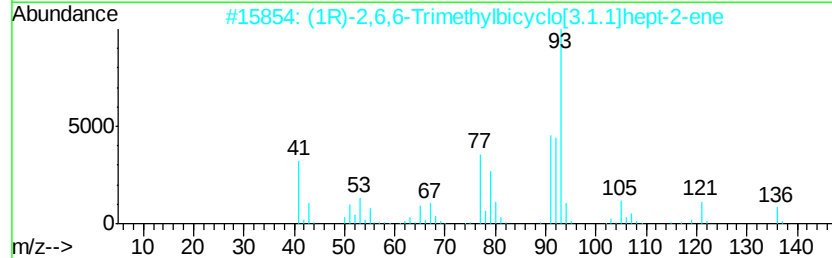
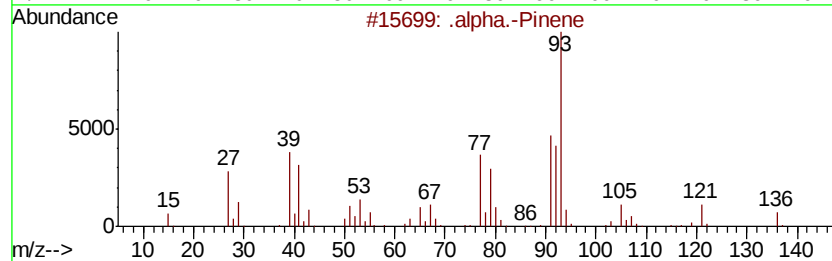
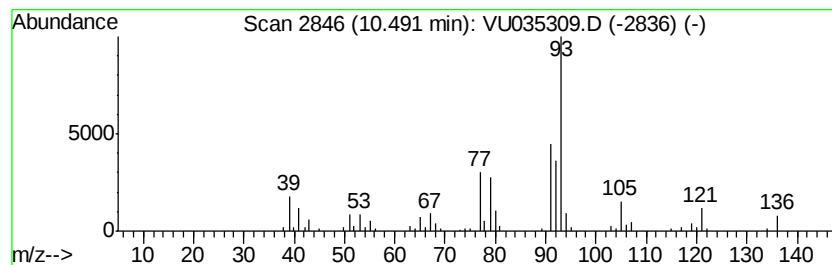
Instrument :
MSVOA_U
ClientSampleId :
BF6L4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	2.54 ug/L	96260	Chlorobenzene-d5	9.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	93
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
5	.alpha.-Pinene	136	C10H16	000080-56-8	87



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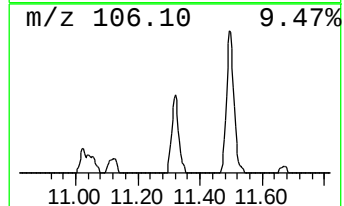
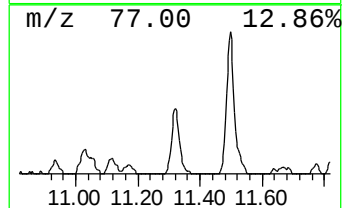
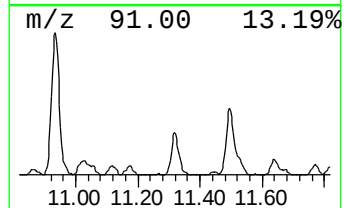
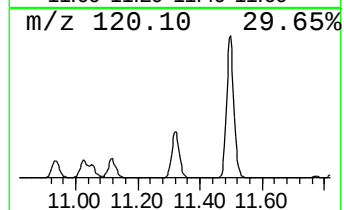
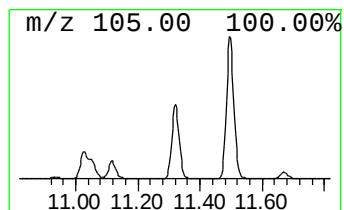
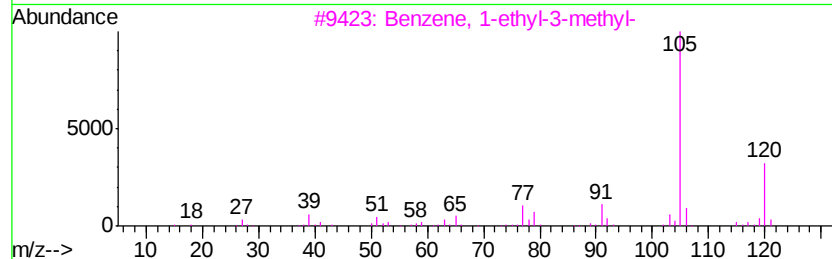
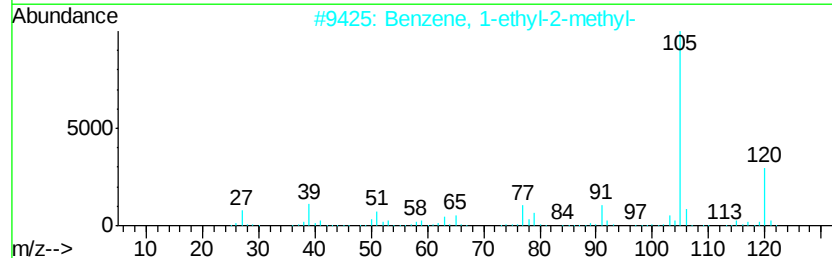
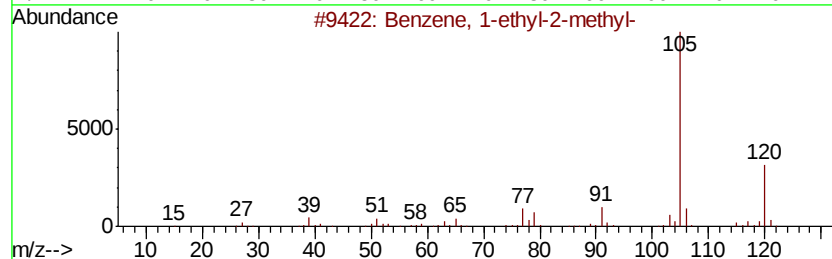
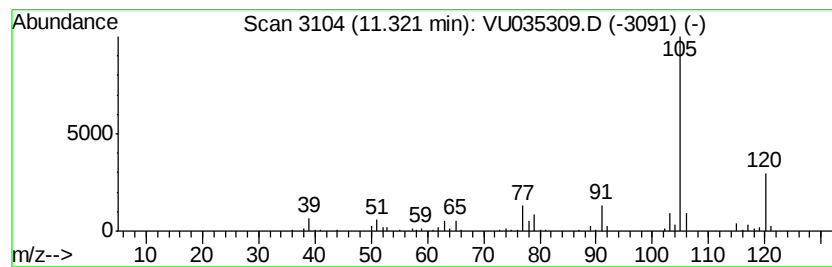
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	3.86 ug/L	110241	1,4-Dichlorobenzene-d4	11.84

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-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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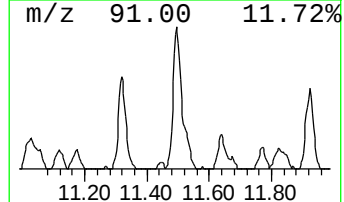
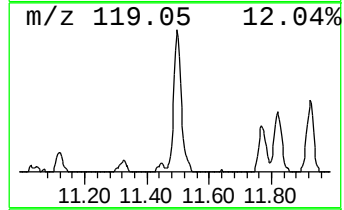
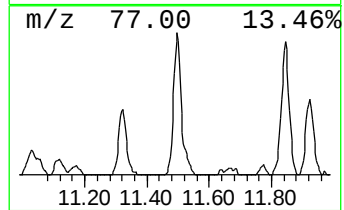
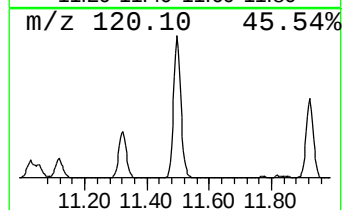
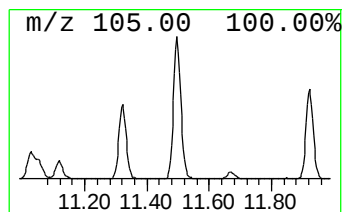
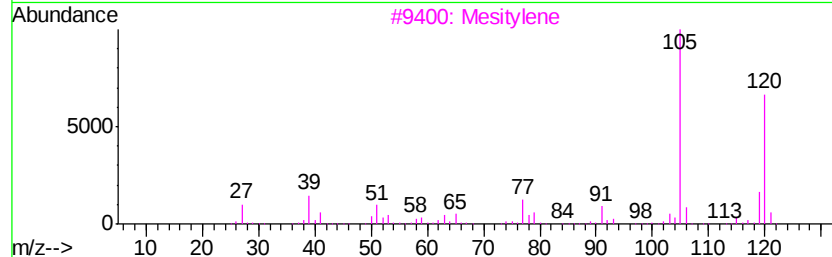
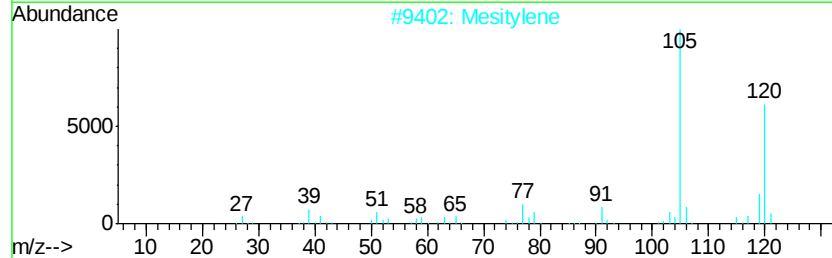
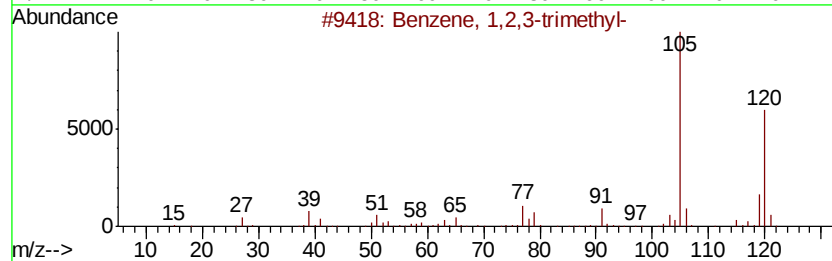
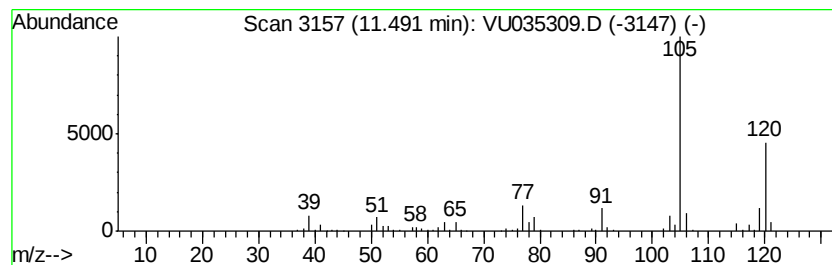
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	8.61 ug/L	245910	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035309.D
Acq On : 19 Oct 2019 11:31
Operator : JC/SP
Sample : K5344-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L4

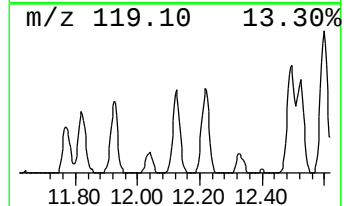
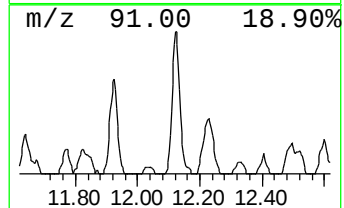
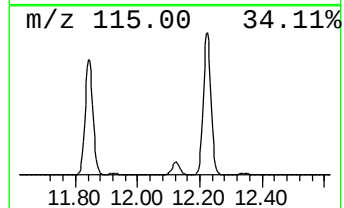
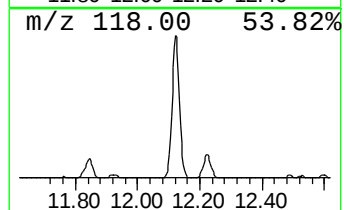
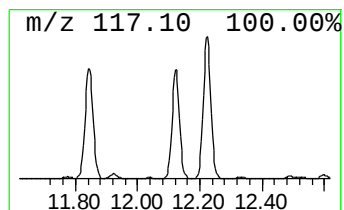
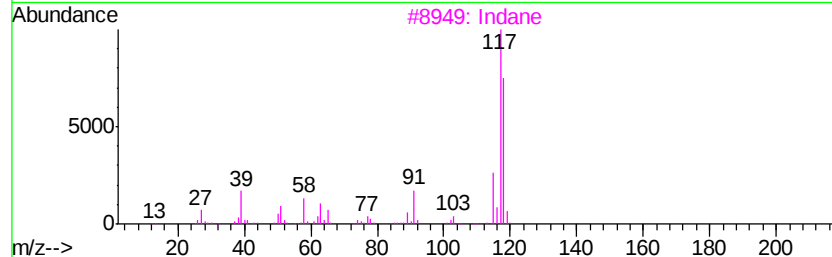
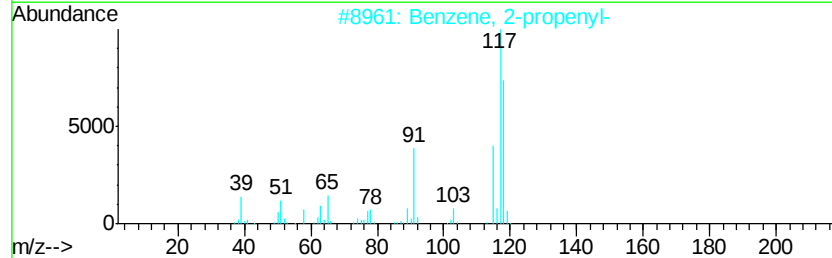
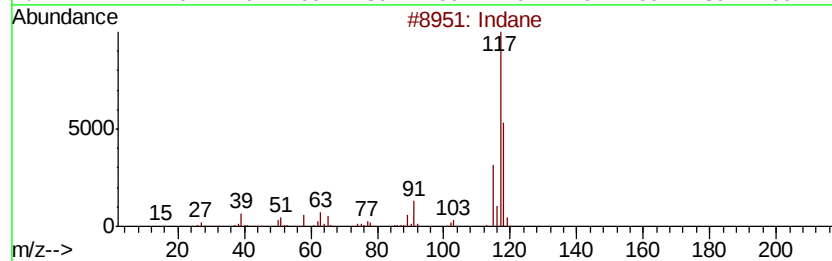
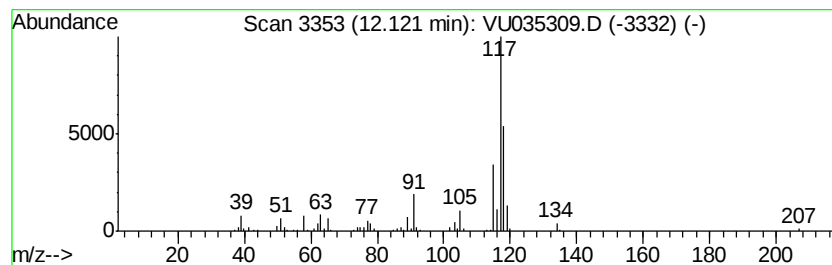
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Quant Title : VOC Analysis

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

Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.38 ug/L	153611	1,4-Dichlorobenzene-d4	11.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-		118	C9H10	000300-57-2	81
3	Indane		118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-		118	C9H10	000873-49-4	81
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035309.D
Acq On : 19 Oct 2019 11:31
Operator : JC/SP
Sample : K5344-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	10.49	2.5	ug/L	96260	2	9.45	1895830	50.0
Benzene, 1-ethyl-...	11.32	3.9	ug/L	110241	3	11.84	1428460	50.0
Benzene, 1,2,3-tr...	11.49	8.6	ug/L	245910	3	11.84	1428460	50.0
Indane	12.12	5.4	ug/L	153611	3	11.84	1428460	50.0