

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031119\
 Data File : VU029899.D
 Acq On : 08 Mar 2019 19:42
 Operator : JC/SP
 Sample : K1763-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0960

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\SOMULM021519WMA.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	1.183	24	29	34	rBV	8212	7157	0.01%	0.007%
2	1.283	54	60	69	rBV	188307	179128	0.29%	0.176%
3	1.395	89	95	108	rVB	189829	192337	0.31%	0.189%
4	1.473	114	119	131	rVB	15098	15377	0.02%	0.015%
5	1.678	175	183	196	rVB	157650	199155	0.32%	0.196%
6	2.273	356	368	378	rBV3	498905	901332	1.46%	0.885%
7	2.444	412	421	437	rBV	26905	48904	0.08%	0.048%
8	2.553	447	455	456	rBV4	2300	2133	0.00%	0.002%
9	2.698	484	500	534	rBV	13624884	23508270	37.98%	23.086%
10	2.984	584	589	593	rBV4	2090	2738	0.00%	0.003%
11	3.247	667	671	676	rBV6	956	924	0.00%	0.001%
12	3.270	676	678	685	rVB3	666	562	0.00%	0.001%
13	3.376	705	711	714	rBV4	587	655	0.00%	0.001%
14	3.447	720	733	747	rVV3	11151	25117	0.04%	0.025%
15	3.563	766	769	775	rVB3	551	579	0.00%	0.001%
16	3.595	775	779	786	rBV2	554	725	0.00%	0.001%
17	3.649	786	796	801	rVV3	846	1135	0.00%	0.001%
18	3.997	894	904	920	rBV5	4235	11505	0.02%	0.011%
19	4.177	947	960	963	rBV	156420	278666	0.45%	0.274%
20	4.550	1067	1076	1090	rBV5	7798	19224	0.03%	0.019%
21	4.662	1090	1111	1135	rVB4	410574	1362638	2.20%	1.338%
22	4.913	1172	1189	1205	rBV2	13747	33828	0.05%	0.033%
23	5.042	1226	1229	1234	rVB4	616	494	0.00%	0.000%
24	5.132	1243	1257	1275	rBV3	7242	17986	0.03%	0.018%
25	5.337	1294	1321	1354	rBV2	524404	1590247	2.57%	1.562%
26	5.598	1399	1402	1404	rBV2	1020	715	0.00%	0.001%
27	5.697	1430	1433	1436	rVB3	798	469	0.00%	0.000%
28	5.781	1450	1459	1461	rBV6	1448	2205	0.00%	0.002%
29	5.884	1476	1491	1520	rBV	522958	1037030	1.68%	1.018%
30	6.186	1566	1585	1619	rBV	32364358	61895628	100.00%	60.783%
31	6.328	1621	1629	1657	rVB	368438	781076	1.26%	0.767%
32	6.617	1713	1719	1730	rVB4	5666	10821	0.02%	0.011%
33	6.755	1751	1762	1778	rBV2	24230	44847	0.07%	0.044%
34	6.878	1797	1800	1804	rBV3	768	488	0.00%	0.000%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Title : VOC Analysis

35	6.929	1812	1816	1820	rBV3	708	694	0.00%	0.001%
36	7.045	1839	1852	1861	rBV7	3382	6721	0.01%	0.007%
37	7.099	1861	1869	1885	rVB3	2890	5854	0.01%	0.006%
38	7.225	1895	1908	1933	rBV	198877	358445	0.58%	0.352%
39	7.463	1972	1982	1996	rBV3	10626	19731	0.03%	0.019%
40	7.562	2000	2013	2028	rBV	730815	1286041	2.08%	1.263%
41	7.636	2029	2036	2051	rVB	40041	74043	0.12%	0.073%
42	7.849	2090	2102	2119	rBV	137596	243485	0.39%	0.239%
43	8.067	2160	2170	2187	rVB	25435	46059	0.07%	0.045%
44	8.167	2190	2201	2208	rBV4	16062	30832	0.05%	0.030%
45	8.225	2208	2219	2234	rVV	262127	444198	0.72%	0.436%
46	8.308	2234	2245	2281	rVB	514149	911271	1.47%	0.895%
47	8.472	2290	2296	2312	rVB3	13321	23489	0.04%	0.023%
48	8.578	2324	2329	2331	rBV3	623	524	0.00%	0.001%
49	8.640	2346	2348	2354	rVB3	673	660	0.00%	0.001%
50	8.951	2439	2445	2448	rBV4	835	1043	0.00%	0.001%
51	9.086	2473	2487	2516	rBV	787305	1296744	2.10%	1.273%
52	9.202	2520	2523	2530	rVV5	5060	6809	0.01%	0.007%
53	9.250	2530	2538	2547	rVB	14331	23990	0.04%	0.024%
54	9.331	2554	2563	2569	rBV9	3639	6599	0.01%	0.006%
55	9.379	2570	2578	2593	rVB2	9761	17250	0.03%	0.017%
56	9.443	2593	2598	2601	rBV3	903	875	0.00%	0.001%
57	9.466	2601	2605	2609	rBV3	560	457	0.00%	0.000%
58	9.774	2688	2701	2723	rBV	451259	732069	1.18%	0.719%
59	9.951	2744	2756	2769	rVB	4459	10383	0.02%	0.010%
60	10.164	2814	2822	2834	rVB5	4156	6561	0.01%	0.006%
61	10.260	2849	2852	2857	rVB3	763	512	0.00%	0.001%
62	10.292	2859	2862	2866	rBV2	617	513	0.00%	0.001%
63	10.344	2871	2878	2883	rBV3	550	751	0.00%	0.001%
64	10.427	2887	2904	2928	rBV	568256	923714	1.49%	0.907%
65	10.604	2947	2959	2967	rBV3	4817	8497	0.01%	0.008%
66	10.659	2967	2976	2988	rVV	63702	105296	0.17%	0.103%
67	10.733	2991	2999	3017	rVB3	24793	46278	0.07%	0.045%
68	10.800	3017	3020	3021	rBV	825	476	0.00%	0.000%
69	10.836	3029	3031	3037	rVB6	663	584	0.00%	0.001%
70	10.919	3055	3057	3064	rVV4	1088	1045	0.00%	0.001%
71	10.971	3064	3073	3084	rVV	13405	20065	0.03%	0.020%

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72	11.154	3120	3130	3141	rBV4	4513	7630	0.01%	0.007%
73	11.237	3141	3156	3174	rBV4	12894	27518	0.04%	0.027%
74	11.356	3190	3193	3199	rBV6	811	977	0.00%	0.001%
75	11.427	3207	3215	3217	rBV5	3692	4708	0.01%	0.005%
76	11.482	3219	3232	3248	rVV	827940	1333070	2.15%	1.309%
77	11.569	3250	3259	3275	rVV	61966	104987	0.17%	0.103%
78	11.639	3276	3281	3291	rVB9	3892	7230	0.01%	0.007%
79	11.745	3302	3314	3331	rBV	50854	109550	0.18%	0.108%
80	11.858	3337	3349	3373	rVB	806206	1352775	2.19%	1.328%
81	12.183	3448	3450	3456	rVB6	2076	1712	0.00%	0.002%
82	12.231	3461	3465	3466	rBV2	1109	645	0.00%	0.001%
83	12.382	3496	3512	3518	rBV8	5519	10294	0.02%	0.010%
84	12.434	3525	3528	3532	rBV5	1193	1072	0.00%	0.001%
85	12.459	3532	3536	3537	rBV4	1118	862	0.00%	0.001%
86	13.028	3711	3713	3715	rBV3	998	591	0.00%	0.001%
87	13.044	3715	3718	3722	rVB3	1415	1029	0.00%	0.001%
88	13.122	3736	3742	3744	rBV5	1888	2108	0.00%	0.002%
89	13.199	3763	3766	3769	rBV5	1802	1289	0.00%	0.001%
90	13.347	3810	3812	3815	rBV2	977	675	0.00%	0.001%
91	13.479	3849	3853	3854	rBV	655	498	0.00%	0.000%
92	13.498	3854	3859	3860	rBV4	817	754	0.00%	0.001%
93	13.562	3876	3879	3883	rVB4	796	442	0.00%	0.000%
94	13.610	3889	3894	3896	rBV4	892	635	0.00%	0.001%
95	13.749	3927	3937	3942	rBV	7193	11695	0.02%	0.011%
96	13.861	3969	3972	3975	rBV2	854	519	0.00%	0.001%
97	14.012	4017	4019	4022	rVB3	1086	558	0.00%	0.001%
98	14.270	4087	4099	4106	rBV3	4227	7929	0.01%	0.008%
99	14.659	4217	4220	4223	rVB4	1010	591	0.00%	0.001%
100	14.951	4306	4311	4315	rBV4	728	1059	0.00%	0.001%

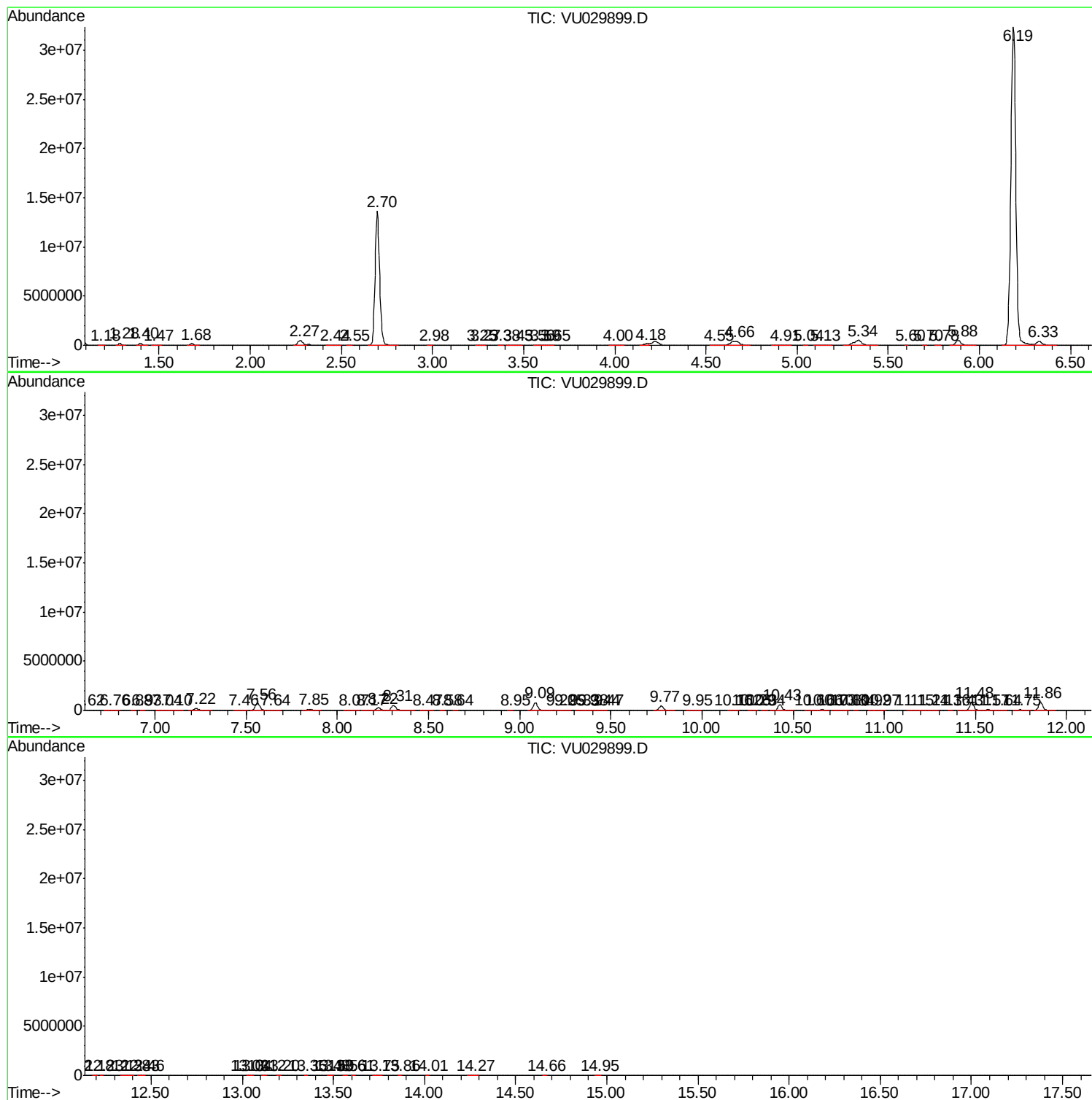
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis

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



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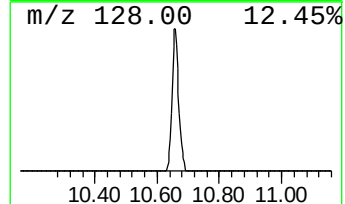
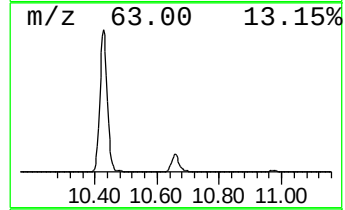
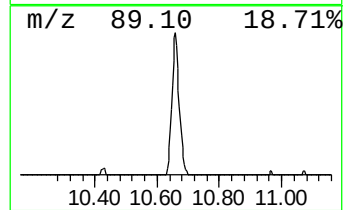
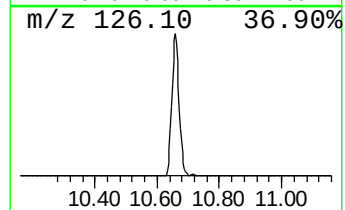
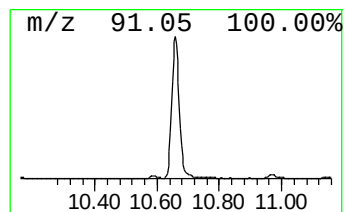
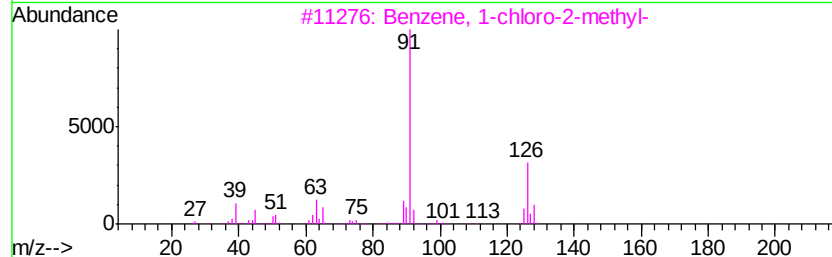
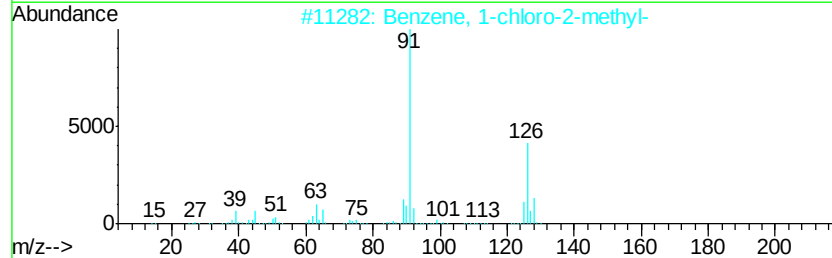
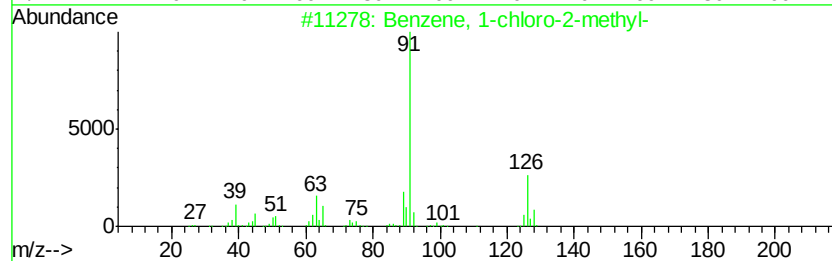
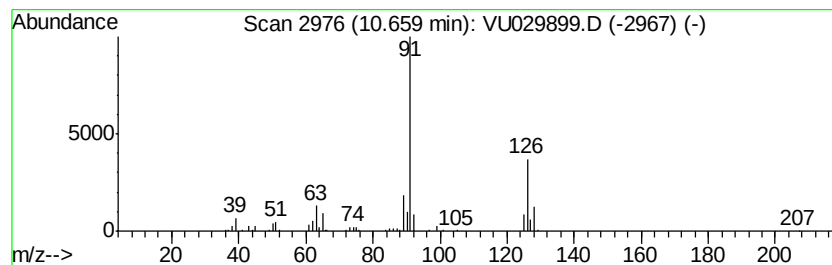
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-chloro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.95 ug/L	105296	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
3		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
4		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
5		Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	93



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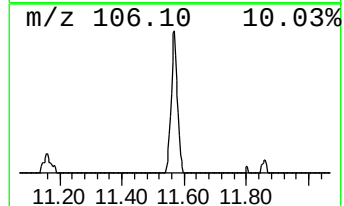
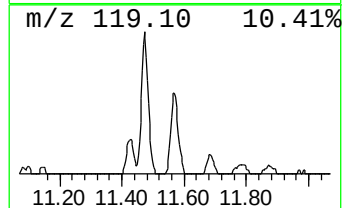
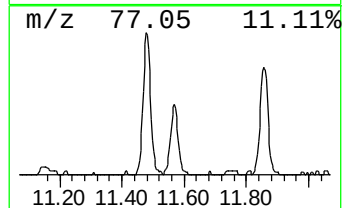
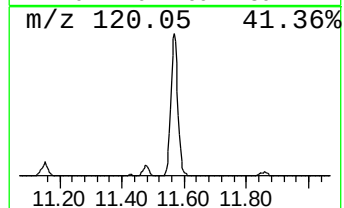
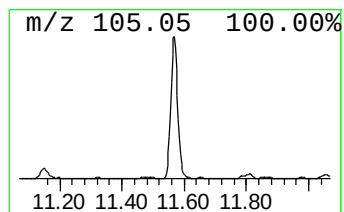
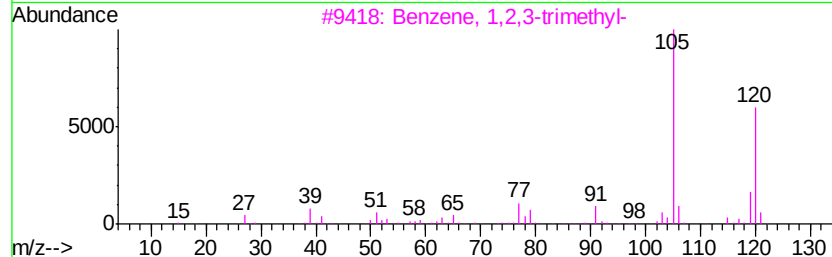
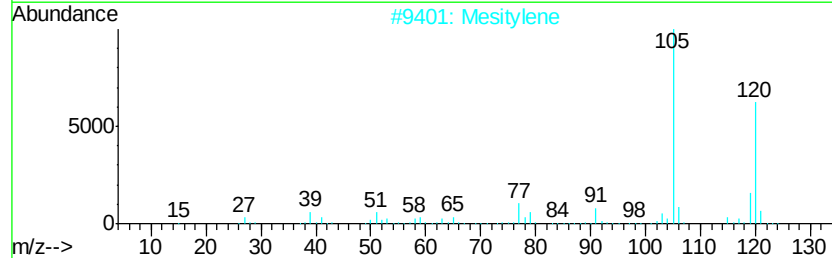
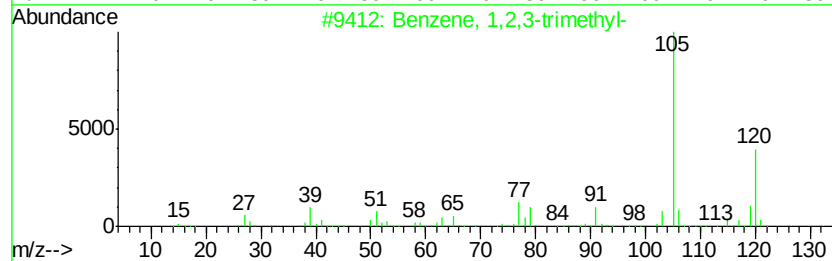
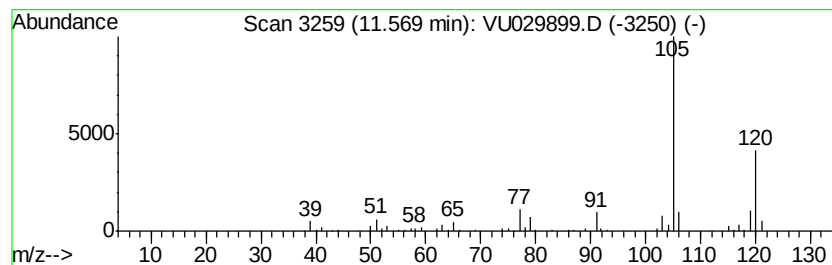
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.94 ug/L	104987	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4		Mesitylene	120	C9H12	000108-67-8	93
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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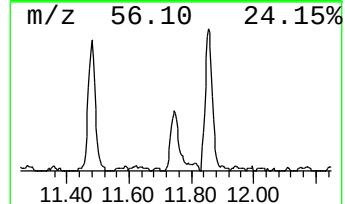
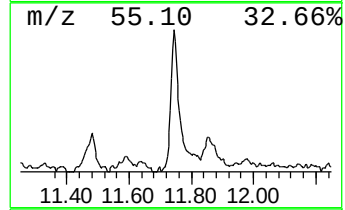
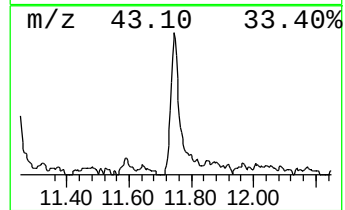
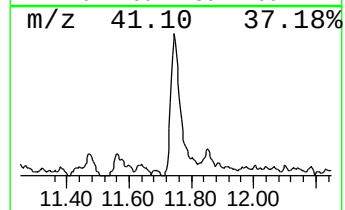
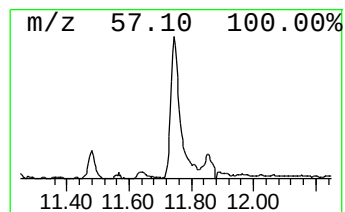
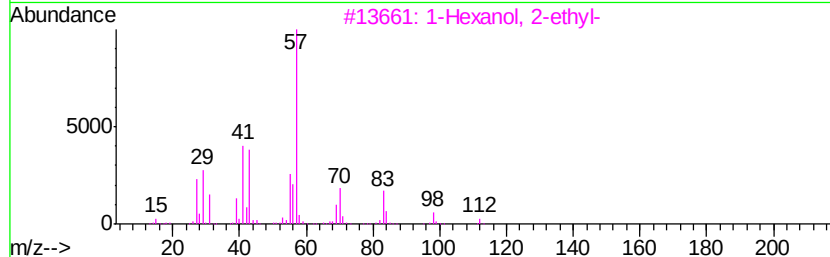
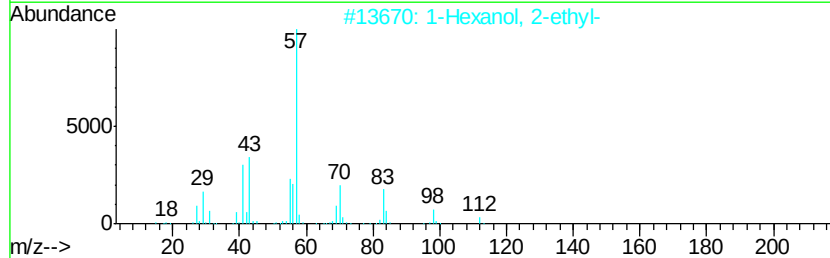
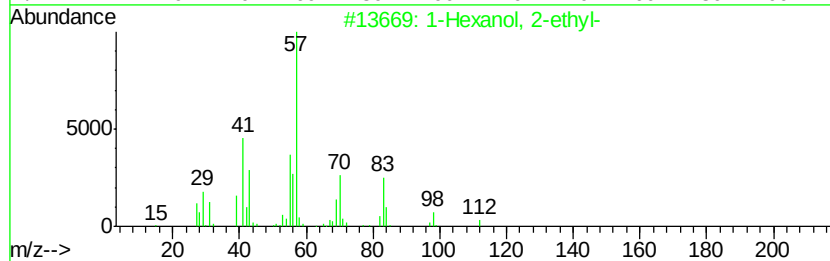
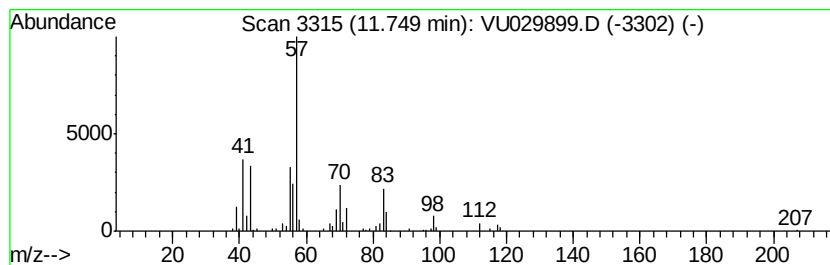
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Quant Title : VOC Analysis

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.11 ug/L	109550	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5			Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031119\
Data File : VU029899.D
Acq On : 08 Mar 2019 19:42
Operator : JC/SP
Sample : K1763-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0960

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.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
Benzene, 1-chloro...	10.66	4.0	ug/L	105296	3	11.48	1333070	50.0
Benzene, 1,2,3-tr...	11.57	3.9	ug/L	104987	3	11.48	1333070	50.0
1-Hexanol, 2-ethyl-	11.75	4.1	ug/L	109550	3	11.48	1333070	50.0