

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027512.D
 Acq On : 08 Oct 2018 20:20
 Operator : MD/SY
 Sample : J5298-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W5

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\SOMULM100518WMA.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	1.398	65	70	81	rBV	80557	80993	11.85%	1.434%
2	1.681	152	158	180	rVB	69881	94154	13.78%	1.666%
3	2.273	332	342	354	rBV	128467	195533	28.62%	3.461%
4	2.447	389	396	409	rVB	5136	8665	1.27%	0.153%
5	2.832	512	516	525	rVB3	558	921	0.13%	0.016%
6	2.884	528	532	539	rVB2	185	177	0.03%	0.003%
7	2.929	544	546	550	rBV2	235	144	0.02%	0.003%
8	3.096	595	598	601	rBV	103	81	0.01%	0.001%
9	3.183	622	625	626	rBV	150	83	0.01%	0.001%
10	3.430	698	702	706	rBV	138	122	0.02%	0.002%
11	3.479	714	717	722	rVB	183	134	0.02%	0.002%
12	3.537	731	735	737	rBV	210	111	0.02%	0.002%
13	3.623	758	762	764	rBV	125	103	0.02%	0.002%
14	3.697	783	785	790	rVB2	178	135	0.02%	0.002%
15	3.839	825	829	832	rBV	92	77	0.01%	0.001%
16	3.881	838	842	844	rBV2	198	135	0.02%	0.002%
17	4.180	919	935	965	rBV	78351	211005	30.88%	3.735%
18	4.508	1033	1037	1041	rVB3	191	162	0.02%	0.003%
19	4.649	1062	1081	1102	rBV	113023	266012	38.93%	4.708%
20	4.807	1127	1130	1131	rBV	239	127	0.02%	0.002%
21	4.984	1182	1185	1186	rBV	188	79	0.01%	0.001%
22	5.045	1202	1204	1207	rVB2	142	103	0.02%	0.002%
23	5.070	1208	1212	1217	rBV	124	126	0.02%	0.002%
24	5.106	1217	1223	1227	rBV2	196	269	0.04%	0.005%
25	5.176	1241	1245	1246	rBV	154	101	0.01%	0.002%
26	5.247	1264	1267	1270	rBV	201	193	0.03%	0.003%
27	5.344	1274	1297	1336	rVV2	221384	683236	100.00%	12.093%
28	5.610	1378	1380	1384	rVB2	165	103	0.02%	0.002%
29	5.633	1384	1387	1391	rBV2	173	124	0.02%	0.002%
30	5.694	1404	1406	1408	rBV	117	84	0.01%	0.001%
31	5.778	1427	1432	1436	rBV2	186	158	0.02%	0.003%
32	5.800	1437	1439	1443	rBV	246	151	0.02%	0.003%
33	5.890	1453	1467	1494	rBV	220644	440329	64.45%	7.793%
34	6.102	1530	1533	1537	rVB	245	170	0.02%	0.003%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Title : VOC Analysis

35	6.125	1537	1540	1542	rBV	171	98	0.01%	0.002%
36	6.202	1561	1564	1566	rBV	200	172	0.03%	0.003%
37	6.334	1588	1605	1625	rBV	162066	328787	48.12%	5.819%
38	6.514	1658	1661	1664	rVB	153	80	0.01%	0.001%
39	6.556	1672	1674	1679	rVB2	143	98	0.01%	0.002%
40	6.588	1680	1684	1688	rBV2	218	248	0.04%	0.004%
41	6.636	1698	1699	1703	rVB2	164	86	0.01%	0.002%
42	6.691	1714	1716	1719	rVB	174	78	0.01%	0.001%
43	6.713	1720	1723	1726	rVB	216	106	0.02%	0.002%
44	6.729	1726	1728	1730	rBV	227	115	0.02%	0.002%
45	6.742	1730	1732	1736	rVB2	136	87	0.01%	0.002%
46	6.852	1763	1766	1767	rBV	235	136	0.02%	0.002%
47	6.935	1788	1792	1794	rBV	156	111	0.02%	0.002%
48	6.961	1798	1800	1804	rVV	103	80	0.01%	0.001%
49	6.990	1804	1809	1812	rVB	185	174	0.03%	0.003%
50	7.045	1824	1826	1829	rVB2	161	77	0.01%	0.001%
51	7.099	1839	1843	1847	rVB2	146	115	0.02%	0.002%
52	7.231	1872	1884	1914	rBV	81869	150217	21.99%	2.659%
53	7.366	1924	1926	1929	rBV	112	81	0.01%	0.001%
54	7.569	1974	1989	2002	rBV	268071	473085	69.24%	8.373%
55	7.852	2066	2077	2096	rBV	59944	102575	15.01%	1.815%
56	7.999	2120	2123	2125	rVB2	279	156	0.02%	0.003%
57	8.086	2145	2150	2154	rVB2	198	192	0.03%	0.003%
58	8.186	2168	2181	2187	rBV3	3478	7300	1.07%	0.129%
59	8.311	2210	2220	2252	rVB	253390	448484	65.64%	7.938%
60	8.594	2305	2308	2310	rBV	170	106	0.02%	0.002%
61	8.890	2398	2400	2404	rVB2	150	94	0.01%	0.002%
62	8.996	2431	2433	2435	rVB2	143	76	0.01%	0.001%
63	9.089	2450	2462	2486	rVV	318719	532059	77.87%	9.417%
64	9.253	2503	2513	2527	rBV	21852	35416	5.18%	0.627%
65	9.382	2544	2553	2567	rBV2	7078	11044	1.62%	0.195%
66	9.443	2567	2572	2576	rBV2	501	679	0.10%	0.012%
67	9.491	2584	2587	2592	rBV	121	105	0.02%	0.002%
68	9.530	2597	2599	2604	rBV	208	95	0.01%	0.002%
69	9.594	2617	2619	2622	rVB	225	122	0.02%	0.002%
70	9.700	2647	2652	2655	rBV2	184	155	0.02%	0.003%
71	9.736	2661	2663	2668	rVB2	161	93	0.01%	0.002%

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 Title : VOC Analysis

72	9.781	2668	2677	2690	rVB	10843	17086	2.50%	0.302%
73	9.900	2711	2714	2717	rVB	193	101	0.01%	0.002%
74	10.077	2765	2769	2777	rBV2	407	379	0.06%	0.007%
75	10.134	2781	2787	2791	rBV	628	704	0.10%	0.012%
76	10.167	2794	2797	2810	rVB3	1515	1847	0.27%	0.033%
77	10.302	2836	2839	2840	rBV	352	173	0.03%	0.003%
78	10.433	2867	2880	2898	rBV	224856	357182	52.28%	6.322%
79	10.614	2920	2936	2949	rBV5	5008	10381	1.52%	0.184%
80	10.668	2949	2953	2956	rBV3	529	500	0.07%	0.009%
81	10.710	2961	2966	2977	rVB3	2674	3592	0.53%	0.064%
82	10.765	2981	2983	2984	rBV	235	77	0.01%	0.001%
83	10.974	3039	3048	3059	rBV3	6301	9538	1.40%	0.169%
84	11.051	3069	3072	3073	rBV2	457	298	0.04%	0.005%
85	11.150	3095	3103	3116	rVV2	8181	11419	1.67%	0.202%
86	11.212	3116	3122	3128	rVB5	1431	1852	0.27%	0.033%
87	11.279	3140	3143	3151	rVB2	701	664	0.10%	0.012%
88	11.485	3192	3207	3224	rBV	305687	470778	68.90%	8.332%
89	11.575	3228	3235	3248	rVB4	6437	12872	1.88%	0.228%
90	11.765	3279	3294	3304	rBV2	20942	38258	5.60%	0.677%
91	11.861	3314	3324	3346	rVB	287974	453909	66.44%	8.034%
92	11.983	3352	3362	3369	rBV	22540	36145	5.29%	0.640%
93	12.121	3398	3405	3414	rVB5	3687	5302	0.78%	0.094%
94	12.289	3451	3457	3465	rBV3	5360	6723	0.98%	0.119%
95	12.356	3473	3478	3481	rBV5	1852	2296	0.34%	0.041%
96	12.478	3509	3516	3525	rBV5	10059	15804	2.31%	0.280%
97	12.697	3574	3584	3590	rBV5	32365	70110	10.26%	1.241%
98	13.189	3730	3737	3748	rVB5	7297	11314	1.66%	0.200%
99	13.292	3762	3769	3780	rVB5	14329	23144	3.39%	0.410%
100	13.739	3900	3908	3914	rBV6	5655	10637	1.56%	0.188%

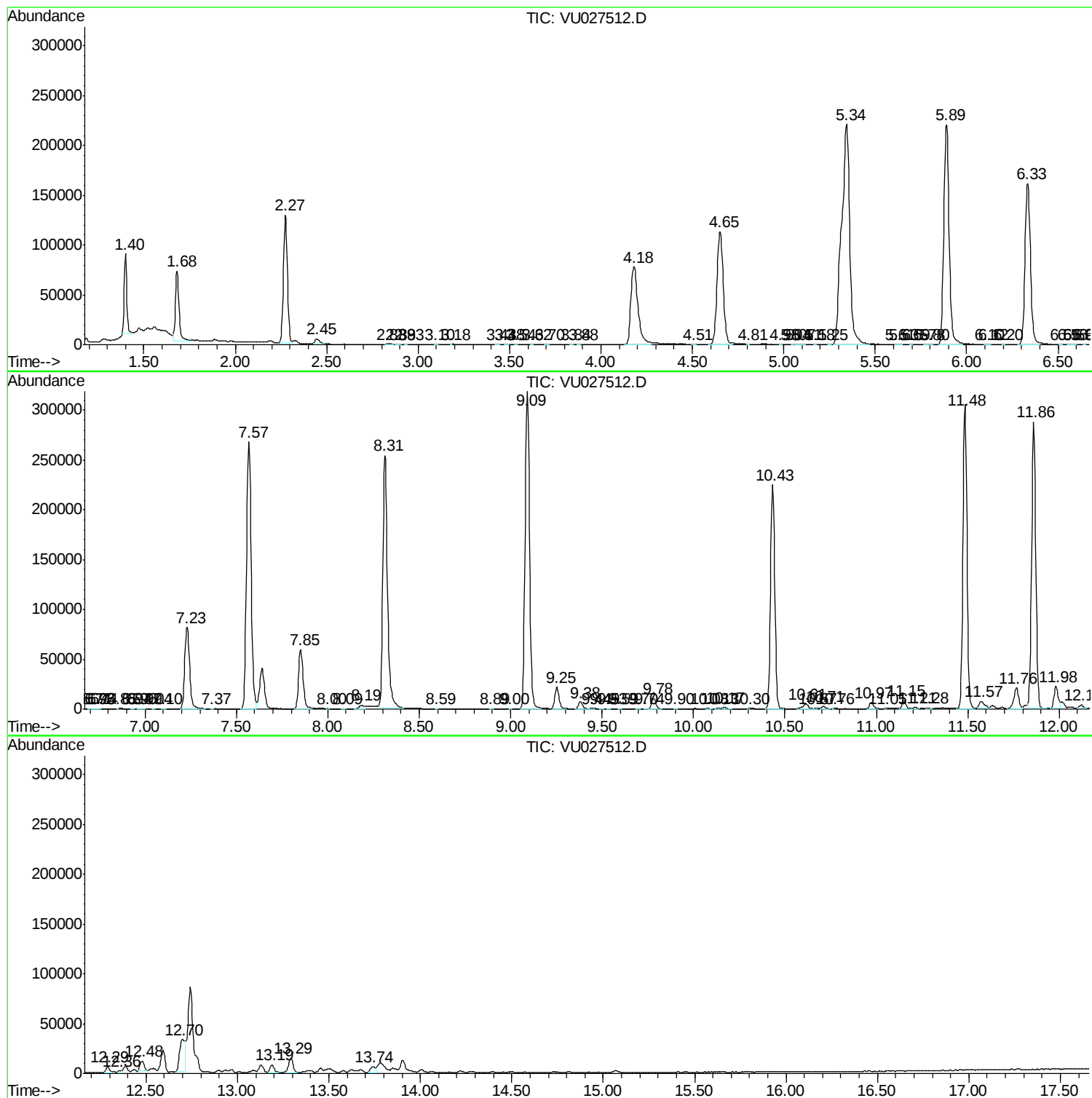
Sum of corrected areas: 5649967

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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



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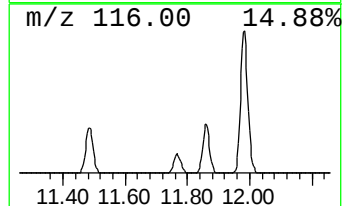
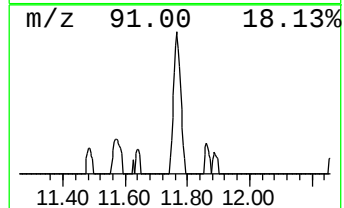
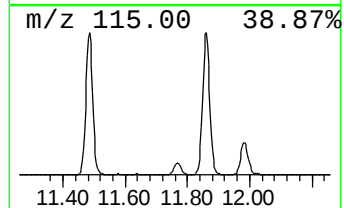
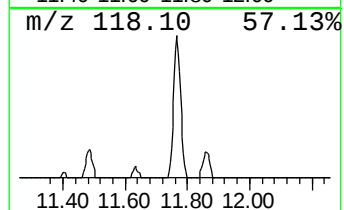
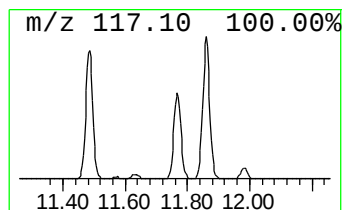
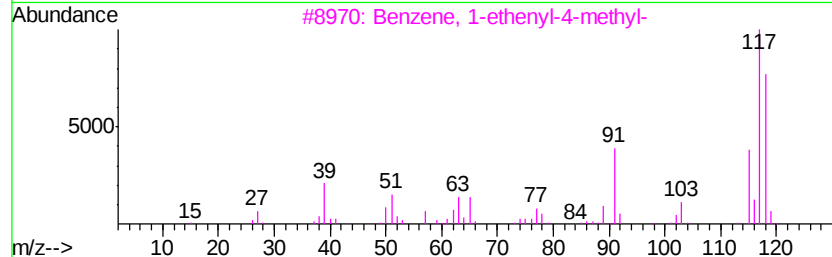
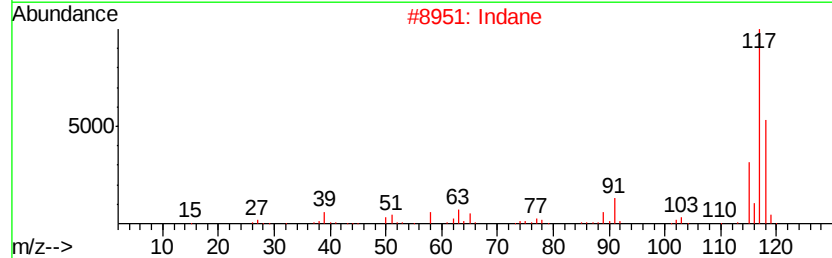
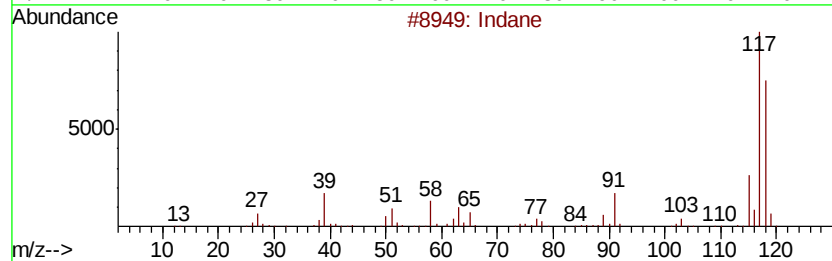
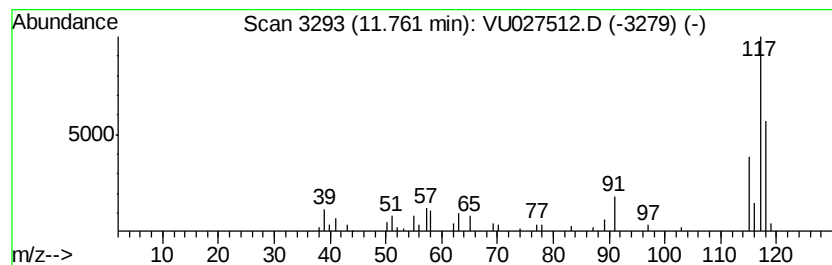
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.06 ug/L	38258	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	81
3	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	68
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-		118	C9H10	1000191-13-7	64
5	Benzene, (2-bromocyclopropyl)-		196	C9H9Br	036617-02-4	64



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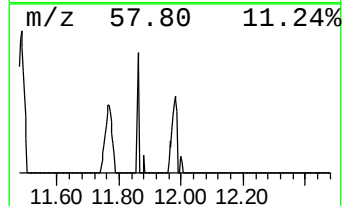
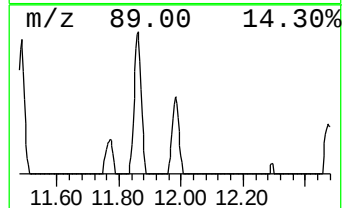
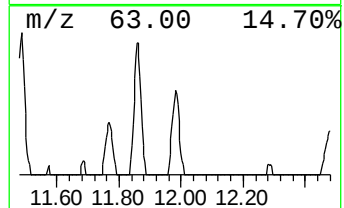
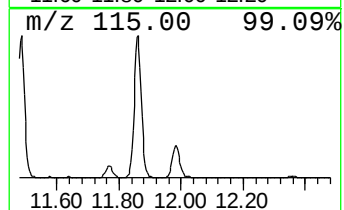
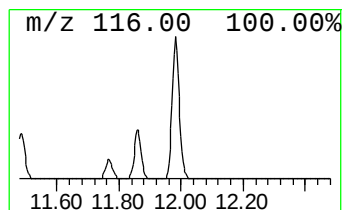
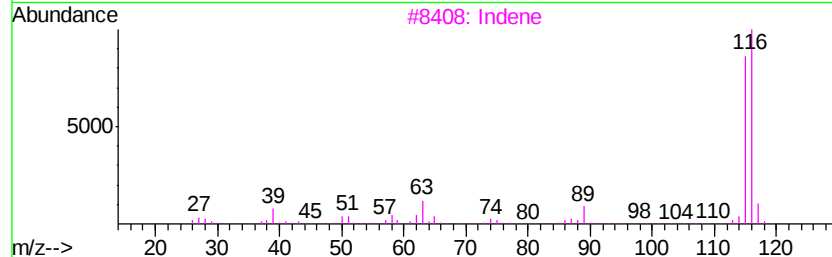
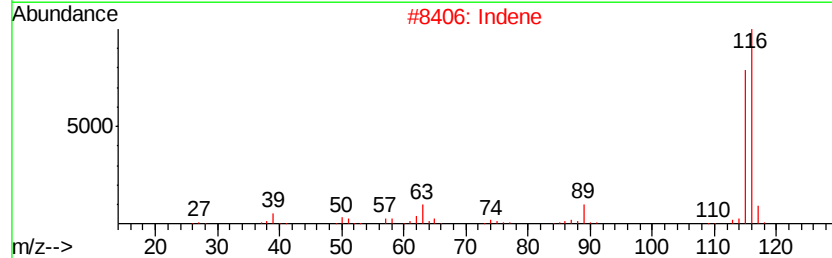
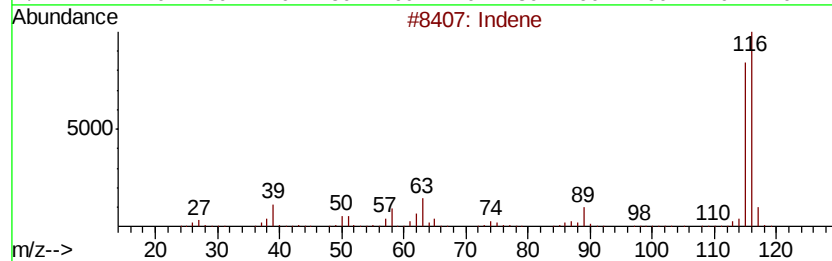
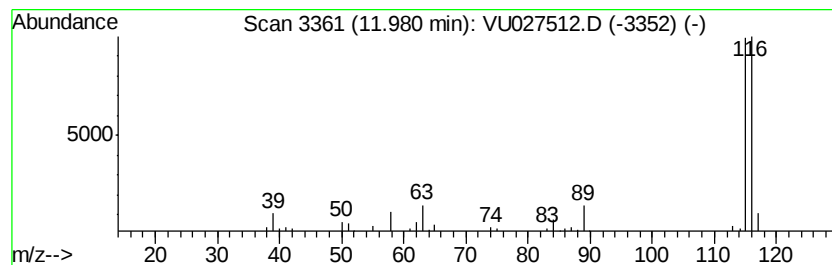
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.84 ug/L	36145	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	93
2	Indene		116	C9H8	000095-13-6	93
3	Indene		116	C9H8	000095-13-6	91
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



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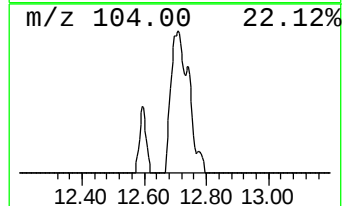
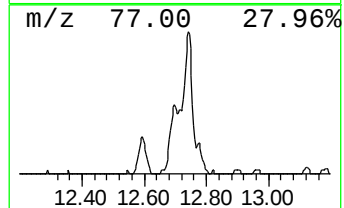
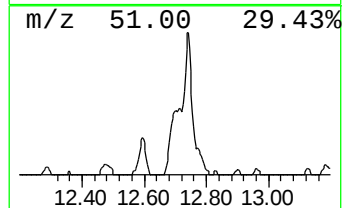
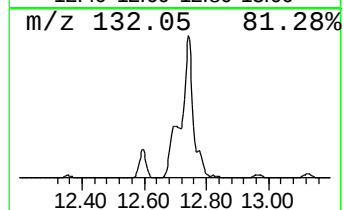
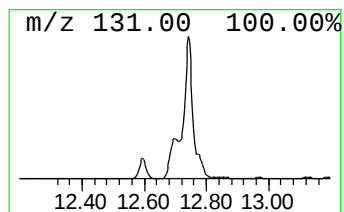
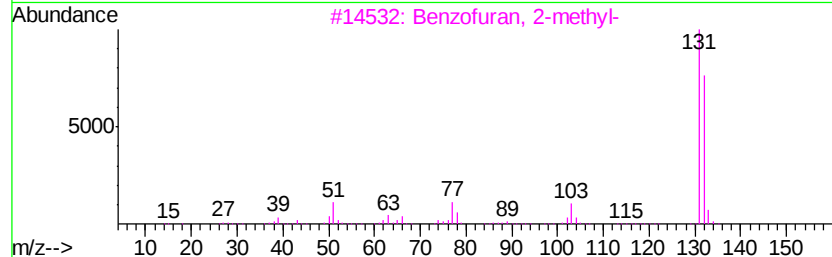
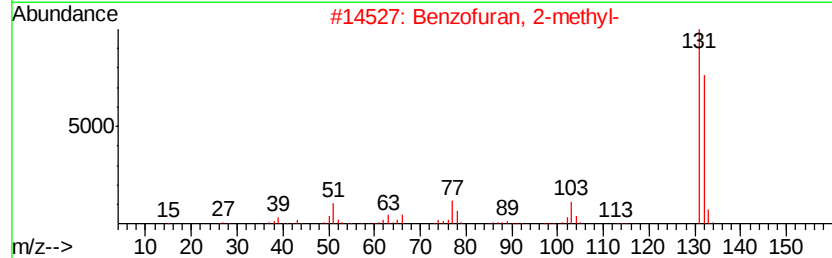
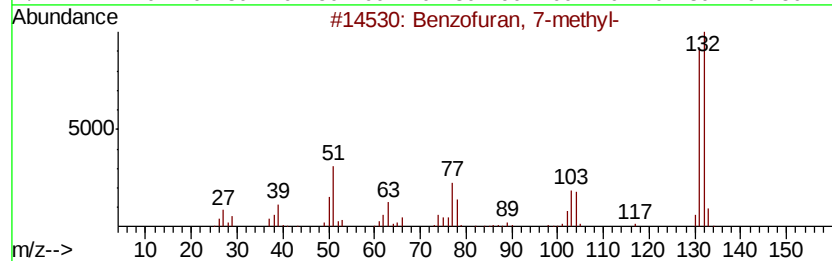
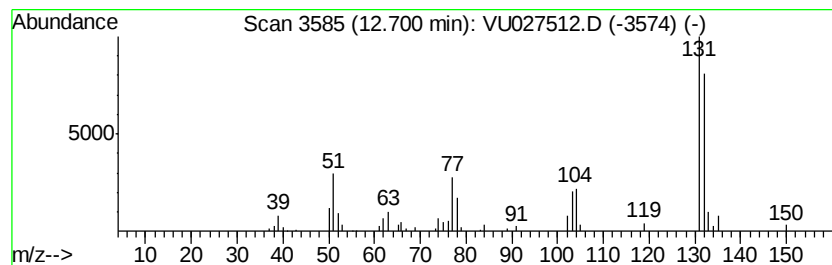
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Quant Title : VOC Analysis

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

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	7.45 ug/L	70110	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87



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Data File : VU027512.D
Acq On : 08 Oct 2018 20:20
Operator : MD/SY
Sample : J5298-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.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
Indane	11.76	4.1	ug/L	38258	3	11.48	470778	50.0
Indene	11.98	3.8	ug/L	36145	3	11.48	470778	50.0
Benzofuran, 7-met...	12.70	7.5	ug/L	70110	3	11.48	470778	50.0