

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027504.D
 Acq On : 08 Oct 2018 17:15
 Operator : MD/SY
 Sample : J5298-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62T7

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	1.399	66	70	79	rVB	80359	75109	10.84%	1.259%
2	1.681	153	158	182	rVB	70937	92316	13.33%	1.548%
3	2.273	332	342	355	rBV	138413	206598	29.83%	3.463%
4	2.550	426	428	429	rBV	174	82	0.01%	0.001%
5	2.659	457	462	464	rBV2	248	210	0.03%	0.004%
6	2.810	507	509	512	rBV2	201	116	0.02%	0.002%
7	2.836	512	517	526	rVV3	634	930	0.13%	0.016%
8	2.897	530	536	537	rBV	97	99	0.01%	0.002%
9	3.177	618	623	625	rBV	116	95	0.01%	0.002%
10	3.273	650	653	655	rBV2	152	89	0.01%	0.001%
11	3.607	755	757	760	rVB	133	73	0.01%	0.001%
12	3.624	760	762	764	rBV	156	85	0.01%	0.001%
13	3.788	809	813	815	rBV	90	79	0.01%	0.001%
14	3.868	835	838	843	rVB2	172	125	0.02%	0.002%
15	3.894	843	846	850	rBV	83	82	0.01%	0.001%
16	4.106	908	912	913	rBV	178	89	0.01%	0.001%
17	4.180	922	935	969	rBV	76237	203128	29.33%	3.405%
18	4.492	1030	1032	1035	rVB2	235	109	0.02%	0.002%
19	4.517	1037	1040	1045	rVV2	191	183	0.03%	0.003%
20	4.588	1057	1062	1065	rBV	133	137	0.02%	0.002%
21	4.652	1065	1082	1103	rBV	112923	268667	38.79%	4.504%
22	4.897	1151	1158	1161	rBV3	514	600	0.09%	0.010%
23	4.996	1185	1189	1191	rVB2	180	108	0.02%	0.002%
24	5.051	1204	1206	1211	rVB	203	114	0.02%	0.002%
25	5.119	1224	1227	1232	rVB2	213	129	0.02%	0.002%
26	5.344	1271	1297	1337	rBV2	224993	692641	100.00%	11.611%
27	5.569	1363	1367	1370	rBV	153	137	0.02%	0.002%
28	5.617	1381	1382	1386	rVB	187	74	0.01%	0.001%
29	5.672	1391	1399	1402	rBB	137	117	0.02%	0.002%
30	5.762	1424	1427	1431	rVB	187	120	0.02%	0.002%
31	5.787	1431	1435	1438	rBV2	182	170	0.02%	0.003%
32	5.887	1451	1466	1499	rBV	234023	469085	67.72%	7.864%
33	6.164	1550	1552	1555	rVB2	174	95	0.01%	0.002%
34	6.186	1555	1559	1562	rBV	99	90	0.01%	0.002%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	6.270	1580	1585	1591	rBV	603	738	0.11%	0.012%
36	6.334	1591	1605	1639	rVB	163426	334847	48.34%	5.613%
37	6.495	1652	1655	1657	rBV2	155	138	0.02%	0.002%
38	6.537	1664	1668	1669	rBV	160	116	0.02%	0.002%
39	6.604	1686	1689	1692	rVB2	176	114	0.02%	0.002%
40	6.636	1695	1699	1703	rVB	164	128	0.02%	0.002%
41	6.662	1703	1707	1709	rBV	247	243	0.04%	0.004%
42	6.701	1716	1719	1725	rVB2	220	231	0.03%	0.004%
43	6.736	1725	1730	1732	rBV	82	79	0.01%	0.001%
44	6.797	1747	1749	1753	rVB	217	144	0.02%	0.002%
45	6.823	1753	1757	1758	rBV	182	150	0.02%	0.003%
46	6.900	1778	1781	1783	rBV	194	89	0.01%	0.001%
47	6.967	1797	1802	1805	rVB2	234	221	0.03%	0.004%
48	6.990	1805	1809	1811	rBV2	201	134	0.02%	0.002%
49	7.006	1812	1814	1817	rBV2	181	100	0.01%	0.002%
50	7.109	1843	1846	1847	rBV	141	84	0.01%	0.001%
51	7.231	1872	1884	1919	rVB	87285	158738	22.92%	2.661%
52	7.430	1940	1946	1950	rBV	246	229	0.03%	0.004%
53	7.466	1954	1957	1958	rBV	191	91	0.01%	0.002%
54	7.504	1965	1969	1972	rBV2	115	100	0.01%	0.002%
55	7.569	1976	1989	2002	rBV	280351	493761	71.29%	8.277%
56	7.733	2038	2040	2041	rVB	311	96	0.01%	0.002%
57	7.742	2041	2043	2047	rVB2	219	152	0.02%	0.003%
58	7.852	2066	2077	2102	rBV	62725	108949	15.73%	1.826%
59	8.045	2134	2137	2139	rBV2	252	184	0.03%	0.003%
60	8.090	2145	2151	2152	rBV2	256	279	0.04%	0.005%
61	8.128	2160	2163	2166	rBV2	183	155	0.02%	0.003%
62	8.183	2169	2180	2187	rBV2	4277	9328	1.35%	0.156%
63	8.311	2211	2220	2250	rVB	246153	432404	62.43%	7.249%
64	8.517	2282	2284	2287	rBV	316	221	0.03%	0.004%
65	8.591	2304	2307	2311	rBV	194	172	0.02%	0.003%
66	8.720	2344	2347	2350	rBV	177	105	0.02%	0.002%
67	8.755	2355	2358	2361	rVV	152	80	0.01%	0.001%
68	8.871	2391	2394	2399	rVB	223	135	0.02%	0.002%
69	8.900	2400	2403	2408	rBV	175	136	0.02%	0.002%
70	8.977	2421	2427	2432	rBV2	260	280	0.04%	0.005%
71	9.090	2450	2462	2489	rBV	344798	574821	82.99%	9.636%

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72	9.254	2501	2513	2524	rBV2	9007	14645	2.11%	0.246%
73	9.379	2541	2552	2563	rBV	14955	24599	3.55%	0.412%
74	9.784	2667	2678	2691	rBV	14094	22377	3.23%	0.375%
75	9.993	2741	2743	2746	rBV	190	89	0.01%	0.001%
76	10.073	2766	2768	2772	rVB2	166	108	0.02%	0.002%
77	10.170	2791	2798	2806	rBV2	1138	1682	0.24%	0.028%
78	10.318	2840	2844	2847	rVB3	546	392	0.06%	0.007%
79	10.376	2860	2862	2866	rVB	267	143	0.02%	0.002%
80	10.434	2867	2880	2896	rBV	222238	352844	50.94%	5.915%
81	10.614	2920	2936	2947	rBV6	7499	17060	2.46%	0.286%
82	10.974	3041	3048	3065	rVB3	3910	6958	1.00%	0.117%
83	11.151	3095	3103	3114	rVB	11741	17293	2.50%	0.290%
84	11.215	3116	3123	3130	rVB4	3414	4804	0.69%	0.081%
85	11.282	3137	3144	3148	rVB3	1102	1536	0.22%	0.026%
86	11.343	3156	3163	3165	rBV3	982	1117	0.16%	0.019%
87	11.485	3192	3207	3224	rBV	361077	563966	81.42%	9.454%
88	11.765	3281	3294	3305	rBV	23942	40841	5.90%	0.685%
89	11.861	3314	3324	3346	rVB	307210	491218	70.92%	8.235%
90	11.983	3352	3362	3369	rBV2	22666	36132	5.22%	0.606%
91	12.122	3398	3405	3415	rBV8	2457	4120	0.59%	0.069%
92	12.289	3452	3457	3462	rBV4	3866	4580	0.66%	0.077%
93	12.697	3574	3584	3590	rBV3	31515	66512	9.60%	1.115%
94	12.887	3641	3643	3652	rBV4	964	1013	0.15%	0.017%
95	13.189	3730	3737	3748	rVB3	10965	16925	2.44%	0.284%
96	13.292	3760	3769	3786	rVB4	20310	35665	5.15%	0.598%
97	13.456	3813	3820	3825	rBV5	4568	6649	0.96%	0.111%
98	13.572	3853	3856	3864	rBV6	1307	1530	0.22%	0.026%
99	13.742	3897	3909	3916	rBV	33434	61355	8.86%	1.029%
100	13.903	3952	3959	3969	rVB	25547	39127	5.65%	0.656%

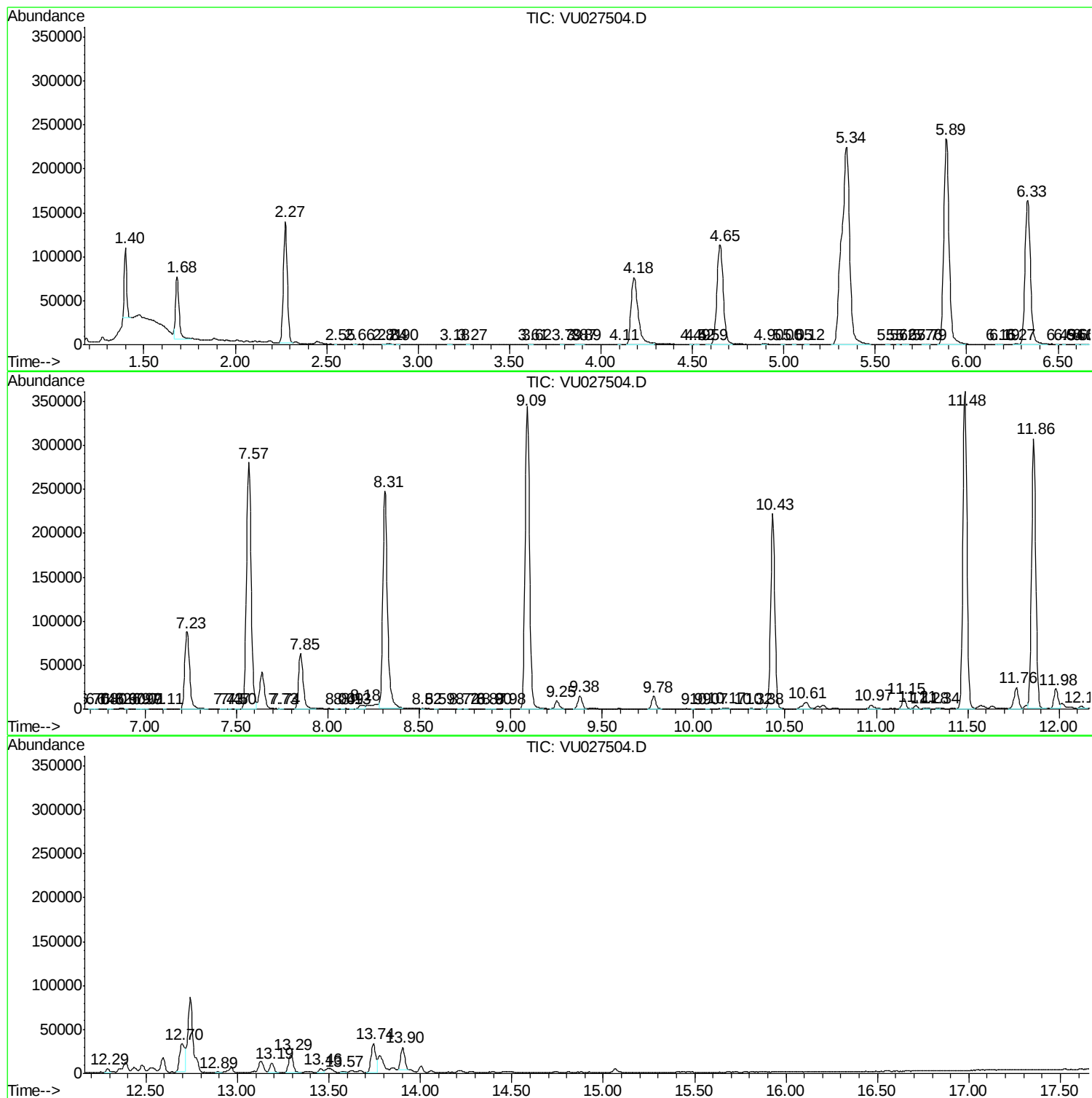
Sum of corrected areas: 5965133

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

TIC Library : C:\DATABASE\NIST11.L
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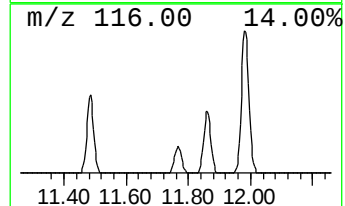
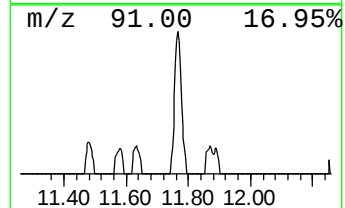
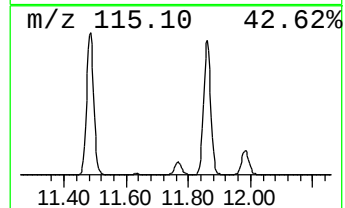
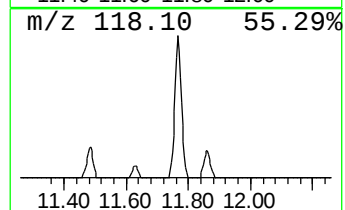
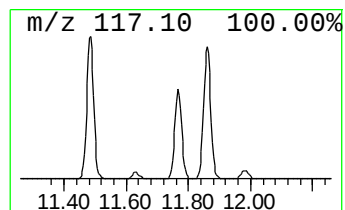
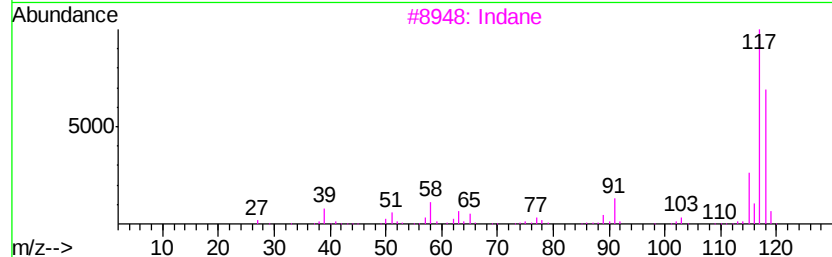
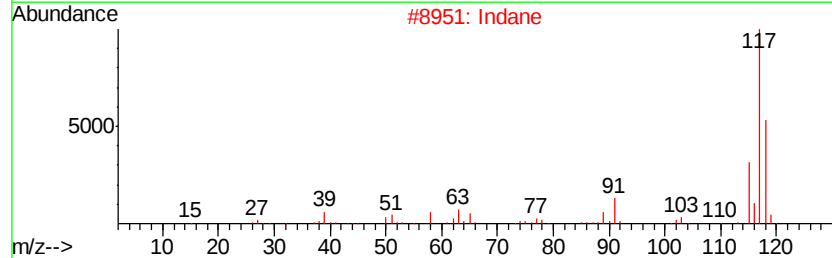
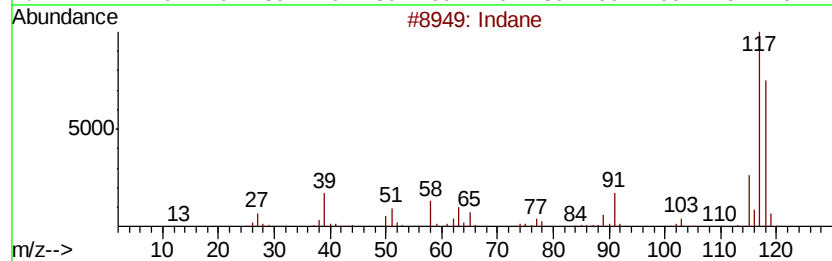
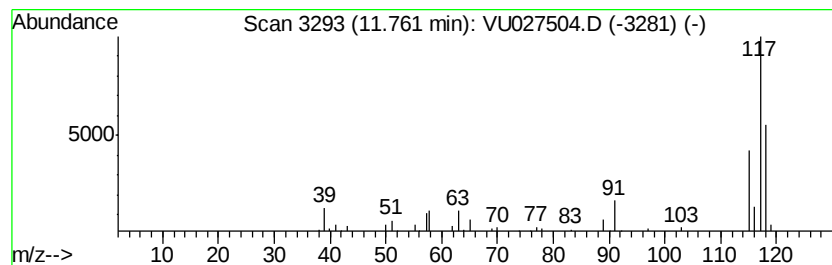
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.62 ug/L	40841	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	96
2	Indane			118	C9H10	000496-11-7	93
3	Indane			118	C9H10	000496-11-7	70
4	Deltacyclene			118	C9H10	007785-10-6	62
5	Benzene, 2-propenyl-			118	C9H10	000300-57-2	58



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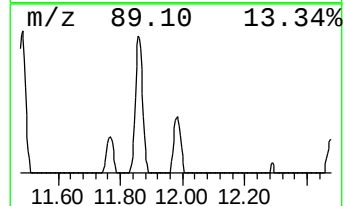
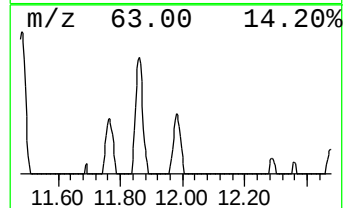
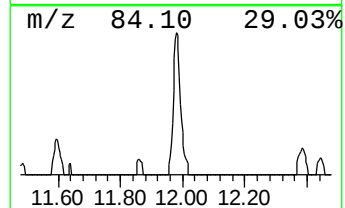
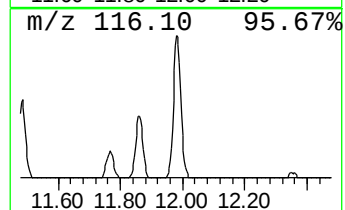
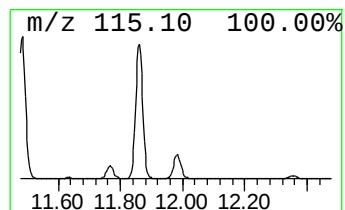
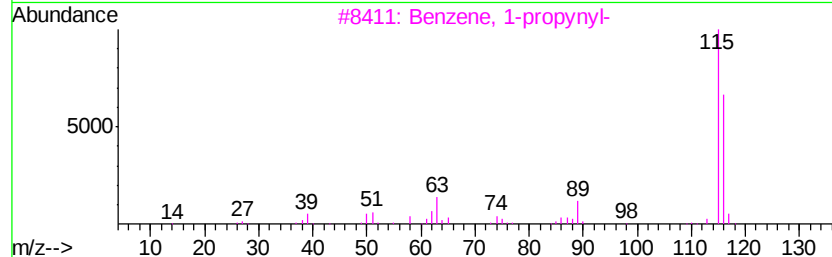
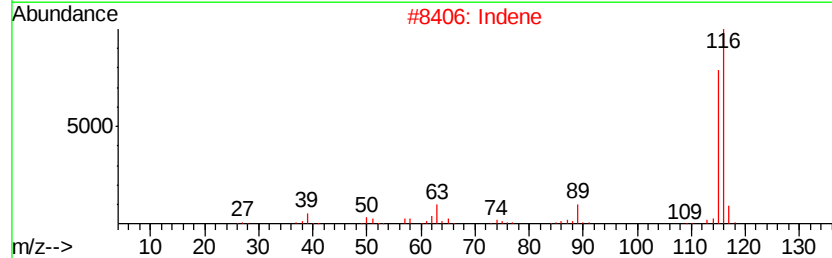
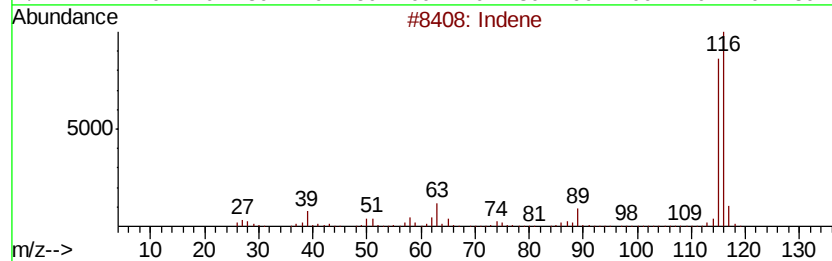
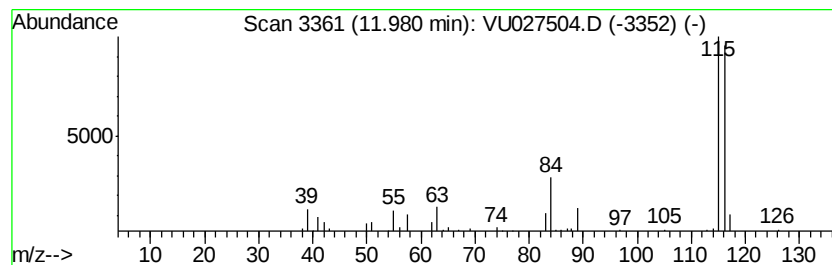
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.20 ug/L	36132	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	94
2		Indene	116	C9H8	000095-13-6	93
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	81



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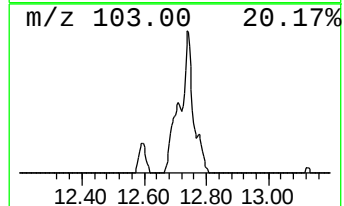
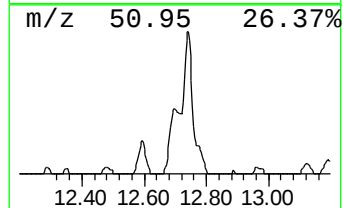
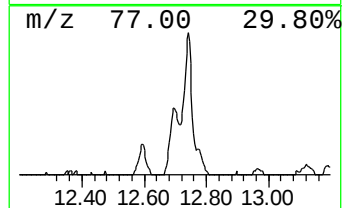
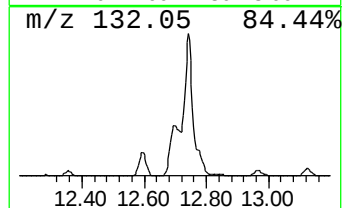
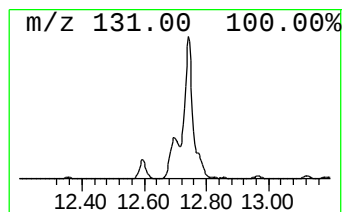
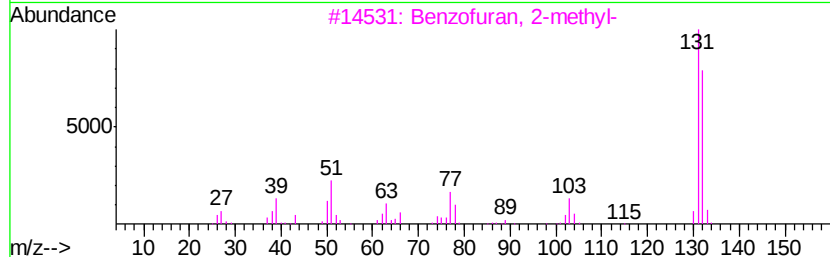
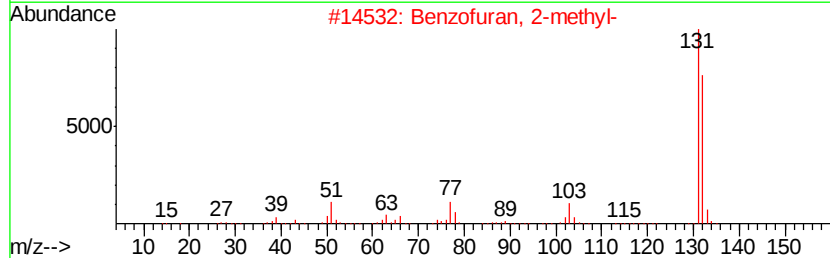
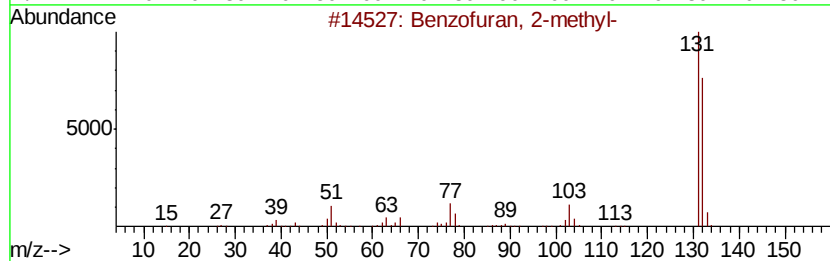
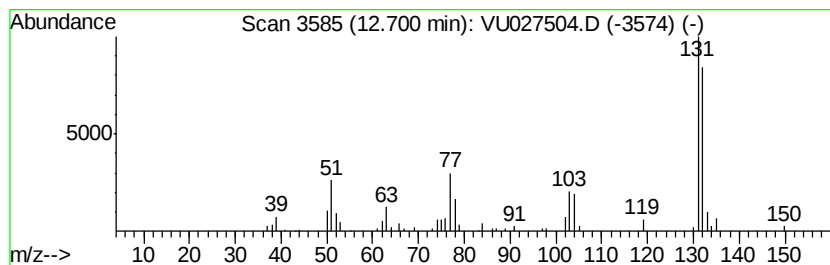
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.90 ug/L	66512	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 94
2		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 93
3		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 93
4		2-Propenal, 3-phenyl-	132 C9H8O	000104-55-2 90
5		3-Phenyl-2-propyn-1-ol	132 C9H8O	001504-58-1 87



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Sample : J5298-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T7

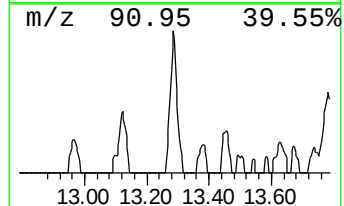
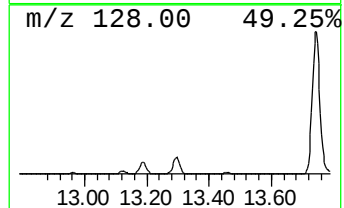
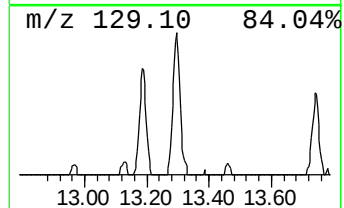
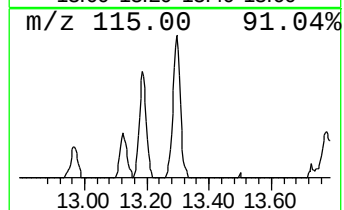
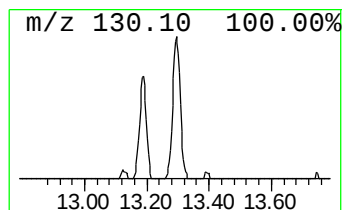
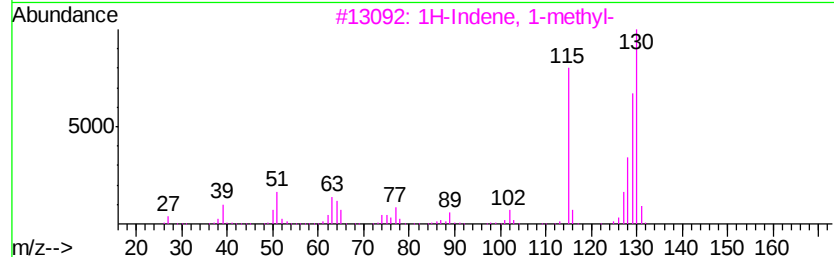
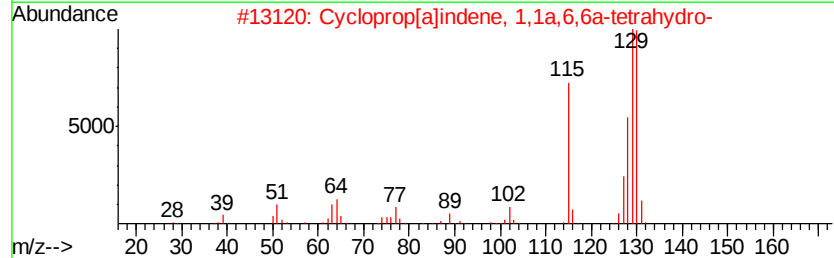
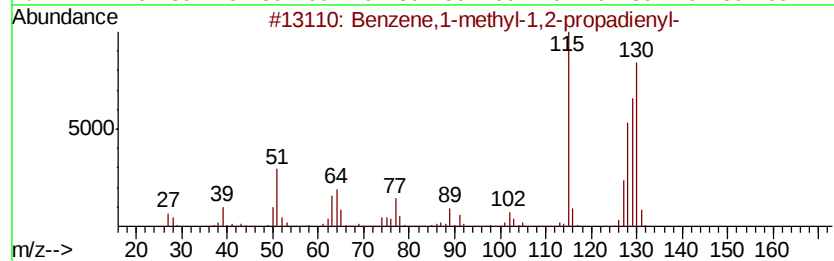
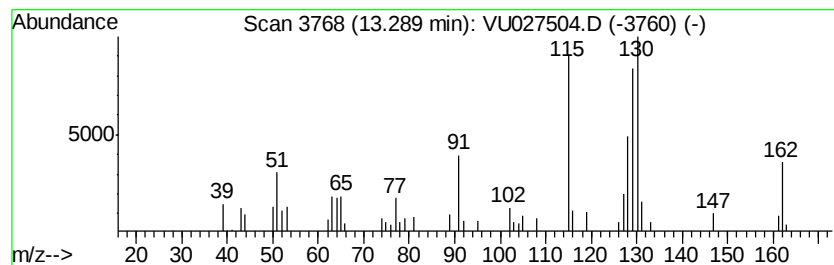
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene,1-methyl-1,2-propad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.16 ug/L	35665	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	97
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	95
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027504.D
Acq On : 08 Oct 2018 17:15
Operator : MD/SY
Sample : J5298-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T7

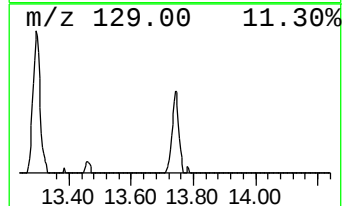
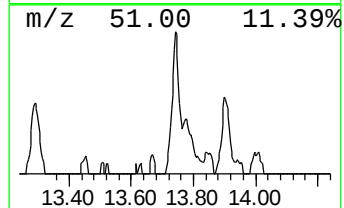
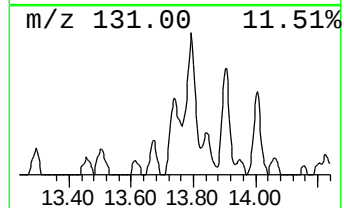
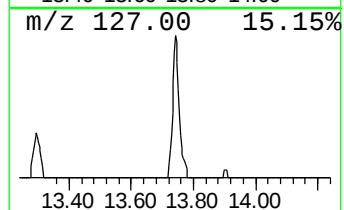
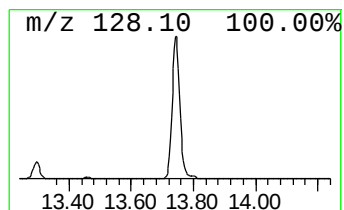
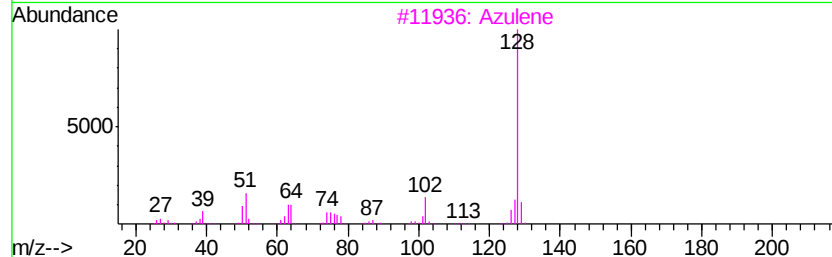
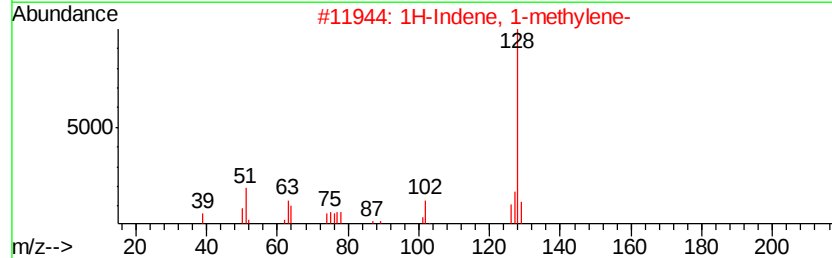
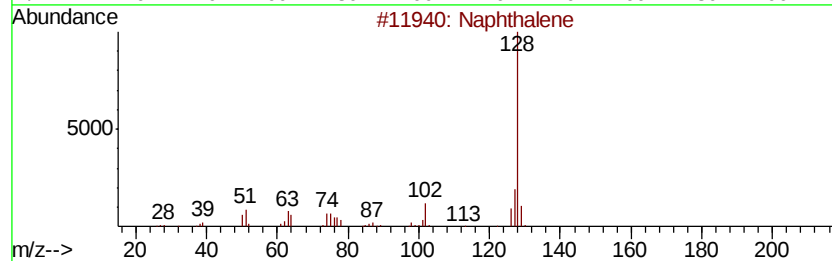
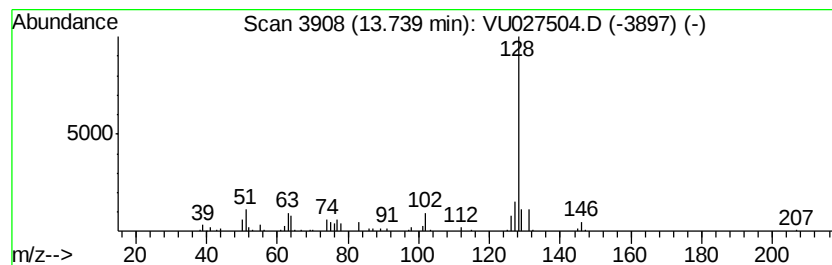
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	5.44 ug/L	61355	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene	128	C10H8	000091-20-3	95
2		1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3		Azulene	128	C10H8	000275-51-4	94
4		Naphthalene	128	C10H8	000091-20-3	93
5		Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027504.D
Acq On : 08 Oct 2018 17:15
Operator : MD/SY
Sample : J5298-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

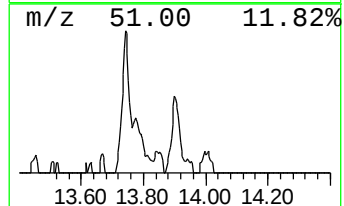
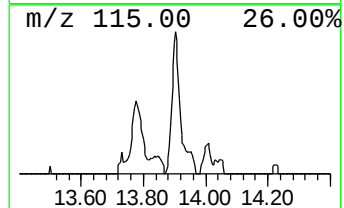
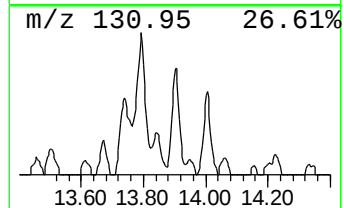
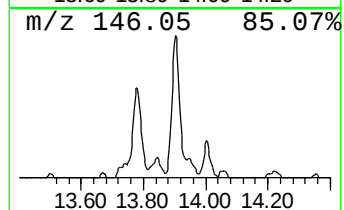
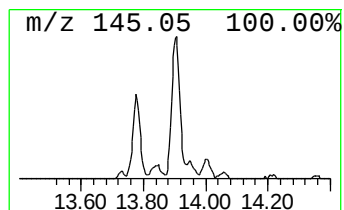
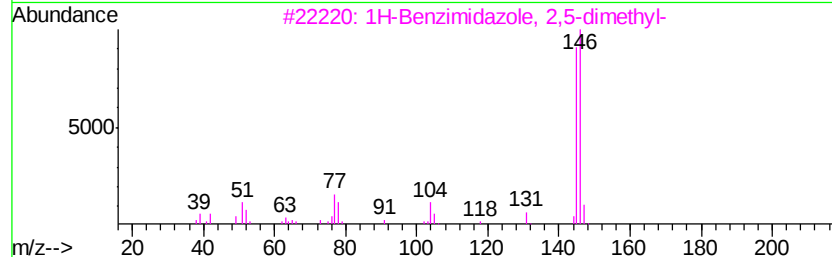
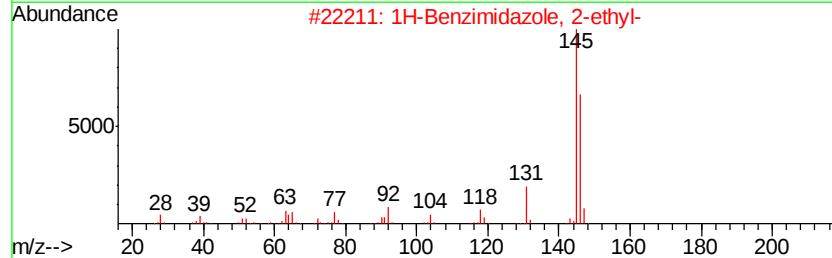
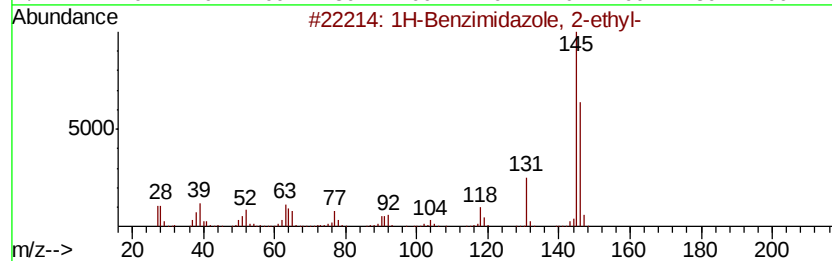
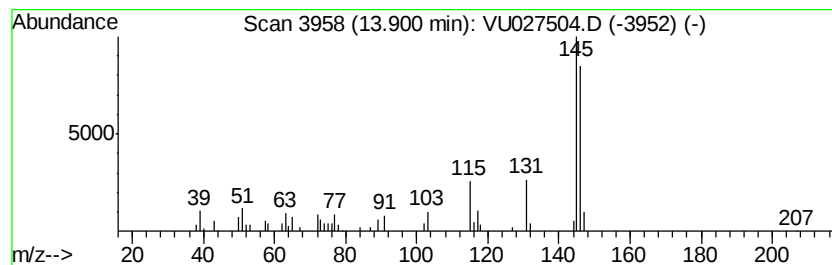
Instrument :
MSVOA_U
ClientSampleId :
E62T7

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 7 1H-Benzimidazole, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.90	3.47 ug/L	39127	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	58
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\
Data File : VU027504.D
Acq On : 08 Oct 2018 17:15
Operator : MD/SY
Sample : J5298-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T7

Quant Method : Z:\VOASRV\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	3.6	ug/L	40841	3	11.48	563966	50.0
Indene	11.98	3.2	ug/L	36132	3	11.48	563966	50.0
Benzofuran, 2-met...	12.70	5.9	ug/L	66512	3	11.48	563966	50.0
Benzene,1-methyl-...	13.29	3.2	ug/L	35665	3	11.48	563966	50.0
Azulene	13.74	5.4	ug/L	61355	3	11.48	563966	50.0
1H-Benzimidazole,...	13.90	3.5	ug/L	39127	3	11.48	563966	50.0