

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033402.D
 Acq On : 25 Jul 2019 12:04
 Operator : JC/SP
 Sample : K3957-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A05

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\SOMULM071219WMA.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	1.389	86	93	104	rBV	125635	129984	8.89%	1.452%
2	1.544	134	141	156	rVB	23599	30841	2.11%	0.344%
3	1.669	172	180	196	rVB	112861	143127	9.79%	1.599%
4	2.257	353	363	373	rBV	186273	280328	19.18%	3.131%
5	2.309	374	379	389	rVB	13942	20472	1.40%	0.229%
6	2.370	396	398	405	rVB4	425	382	0.03%	0.004%
7	2.428	406	416	441	rBV	65789	120860	8.27%	1.350%
8	2.656	484	487	488	rVV2	366	177	0.01%	0.002%
9	2.682	492	495	501	rVB5	539	492	0.03%	0.005%
10	2.714	501	505	508	rVB3	443	308	0.02%	0.003%
11	2.743	512	514	515	rBV	463	193	0.01%	0.002%
12	2.817	526	537	548	rVB6	1565	3561	0.24%	0.040%
13	3.058	608	612	614	rBV	232	183	0.01%	0.002%
14	3.354	702	704	709	rVB2	209	193	0.01%	0.002%
15	3.460	735	737	742	rVB2	304	171	0.01%	0.002%
16	3.608	781	783	789	rVB2	200	166	0.01%	0.002%
17	3.788	835	839	841	rVB	280	156	0.01%	0.002%
18	3.804	841	844	850	rBV2	397	447	0.03%	0.005%
19	3.987	897	901	905	rBV	161	154	0.01%	0.002%
20	4.151	940	952	981	rBV	80220	218799	14.97%	2.444%
21	4.357	1006	1016	1049	rVB3	40617	100404	6.87%	1.121%
22	4.524	1065	1068	1071	rBV2	399	203	0.01%	0.002%
23	4.621	1082	1098	1123	rBV	159025	384893	26.33%	4.299%
24	4.759	1139	1141	1143	rBV2	362	202	0.01%	0.002%
25	4.868	1164	1175	1181	rVB4	801	1609	0.11%	0.018%
26	4.958	1200	1203	1206	rBV3	380	289	0.02%	0.003%
27	5.029	1219	1225	1229	rVB2	257	291	0.02%	0.003%
28	5.055	1229	1233	1239	rBV	565	647	0.04%	0.007%
29	5.119	1250	1253	1260	rVB	258	268	0.02%	0.003%
30	5.315	1291	1314	1339	rBV2	299705	905992	61.98%	10.120%
31	5.508	1371	1374	1377	rBB2	371	190	0.01%	0.002%
32	5.559	1385	1390	1396	rVB4	359	503	0.03%	0.006%
33	5.592	1396	1400	1401	rVV2	308	177	0.01%	0.002%
34	5.617	1405	1408	1412	rVB2	412	335	0.02%	0.004%

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 Title : VOC Analysis

35	5.653	1416	1419	1422	rVV	596	333	0.02%	0.004%
36	5.666	1422	1423	1431	rVB	313	181	0.01%	0.002%
37	5.701	1431	1434	1437	rBB2	262	166	0.01%	0.002%
38	5.865	1470	1485	1515	rBV2	293594	596868	40.83%	6.667%
39	6.029	1534	1536	1541	rVB2	624	477	0.03%	0.005%
40	6.061	1543	1546	1550	rVB2	320	186	0.01%	0.002%
41	6.096	1554	1557	1561	rBV2	452	221	0.02%	0.002%
42	6.164	1563	1578	1608	rBV	753048	1461713	100.00%	16.327%
43	6.309	1610	1623	1643	rVB	206888	415881	28.45%	4.645%
44	6.476	1672	1675	1681	rVB4	931	786	0.05%	0.009%
45	6.502	1681	1683	1686	rVV	260	180	0.01%	0.002%
46	6.527	1687	1691	1693	rVV2	316	260	0.02%	0.003%
47	6.646	1725	1728	1735	rVB2	278	290	0.02%	0.003%
48	6.846	1787	1790	1792	rBV2	289	214	0.01%	0.002%
49	6.903	1805	1808	1811	rVB2	275	180	0.01%	0.002%
50	6.952	1819	1823	1827	rVB2	239	185	0.01%	0.002%
51	6.977	1827	1831	1835	rBB2	232	191	0.01%	0.002%
52	7.129	1873	1878	1882	rBV2	166	197	0.01%	0.002%
53	7.209	1891	1903	1922	rBV	108382	197745	13.53%	2.209%
54	7.350	1945	1947	1950	rVB2	322	157	0.01%	0.002%
55	7.370	1950	1953	1955	rBV	460	274	0.02%	0.003%
56	7.418	1962	1968	1969	rBV	392	304	0.02%	0.003%
57	7.473	1982	1985	1993	rBV2	210	234	0.02%	0.003%
58	7.547	1994	2008	2026	rBV	381485	676540	46.28%	7.557%
59	7.833	2086	2097	2124	rVV	77585	135836	9.29%	1.517%
60	7.965	2136	2138	2141	rVB2	326	164	0.01%	0.002%
61	8.051	2161	2165	2166	rBV2	296	212	0.01%	0.002%
62	8.125	2184	2188	2190	rBV	243	189	0.01%	0.002%
63	8.164	2190	2200	2209	rVV3	2780	5026	0.34%	0.056%
64	8.296	2230	2241	2279	rBV	251645	465864	31.87%	5.204%
65	8.566	2322	2325	2328	rBV4	812	616	0.04%	0.007%
66	8.874	2416	2421	2423	rBV2	171	174	0.01%	0.002%
67	8.958	2441	2447	2450	rVV2	174	199	0.01%	0.002%
68	9.071	2470	2482	2525	rBV	448993	777415	53.19%	8.684%
69	9.218	2525	2528	2531	rVB3	451	229	0.02%	0.003%
70	9.360	2569	2572	2575	rBV2	338	212	0.01%	0.002%
71	9.685	2666	2673	2676	rBV2	269	343	0.02%	0.004%

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72	9.739	2685	2690	2693	rBV2	354	260	0.02%	0.003%
73	9.916	2743	2745	2751	rVB	244	192	0.01%	0.002%
74	9.968	2757	2761	2764	rBV2	220	173	0.01%	0.002%
75	10.019	2773	2777	2782	rBV3	272	306	0.02%	0.003%
76	10.042	2782	2784	2792	rVB2	255	239	0.02%	0.003%
77	10.202	2830	2834	2838	rBV3	511	562	0.04%	0.006%
78	10.244	2844	2847	2850	rBV	241	200	0.01%	0.002%
79	10.257	2850	2851	2858	rVB2	268	208	0.01%	0.002%
80	10.415	2888	2900	2922	rBV	324543	515538	35.27%	5.758%
81	10.595	2947	2956	2967	rVB5	3364	5171	0.35%	0.058%
82	10.678	2979	2982	2986	rBV2	310	263	0.02%	0.003%
83	10.878	3041	3044	3046	rBV2	306	205	0.01%	0.002%
84	10.939	3060	3063	3068	rBV3	266	227	0.02%	0.003%
85	11.173	3133	3136	3140	rVB	263	150	0.01%	0.002%
86	11.386	3197	3202	3203	rBV	256	221	0.02%	0.002%
87	11.469	3216	3228	3252	rBV	423336	675741	46.23%	7.548%
88	11.633	3277	3279	3282	rVB2	438	191	0.01%	0.002%
89	11.749	3307	3315	3330	rBV6	4509	11381	0.78%	0.127%
90	11.845	3333	3345	3365	rVV	399126	650751	44.52%	7.269%
91	12.022	3396	3400	3401	rBV2	621	403	0.03%	0.005%
92	12.157	3439	3442	3445	rBV3	329	259	0.02%	0.003%
93	12.193	3450	3453	3457	rVB3	414	305	0.02%	0.003%
94	12.222	3459	3462	3465	rBV2	520	404	0.03%	0.005%
95	12.350	3498	3502	3507	rVB3	431	406	0.03%	0.005%
96	12.376	3507	3510	3514	rBV2	481	468	0.03%	0.005%
97	12.408	3517	3520	3522	rBV	466	315	0.02%	0.004%
98	12.527	3555	3557	3562	rVB	352	201	0.01%	0.002%
99	12.765	3627	3631	3634	rBV3	579	517	0.04%	0.006%
100	12.919	3675	3679	3680	rBV2	287	218	0.01%	0.002%

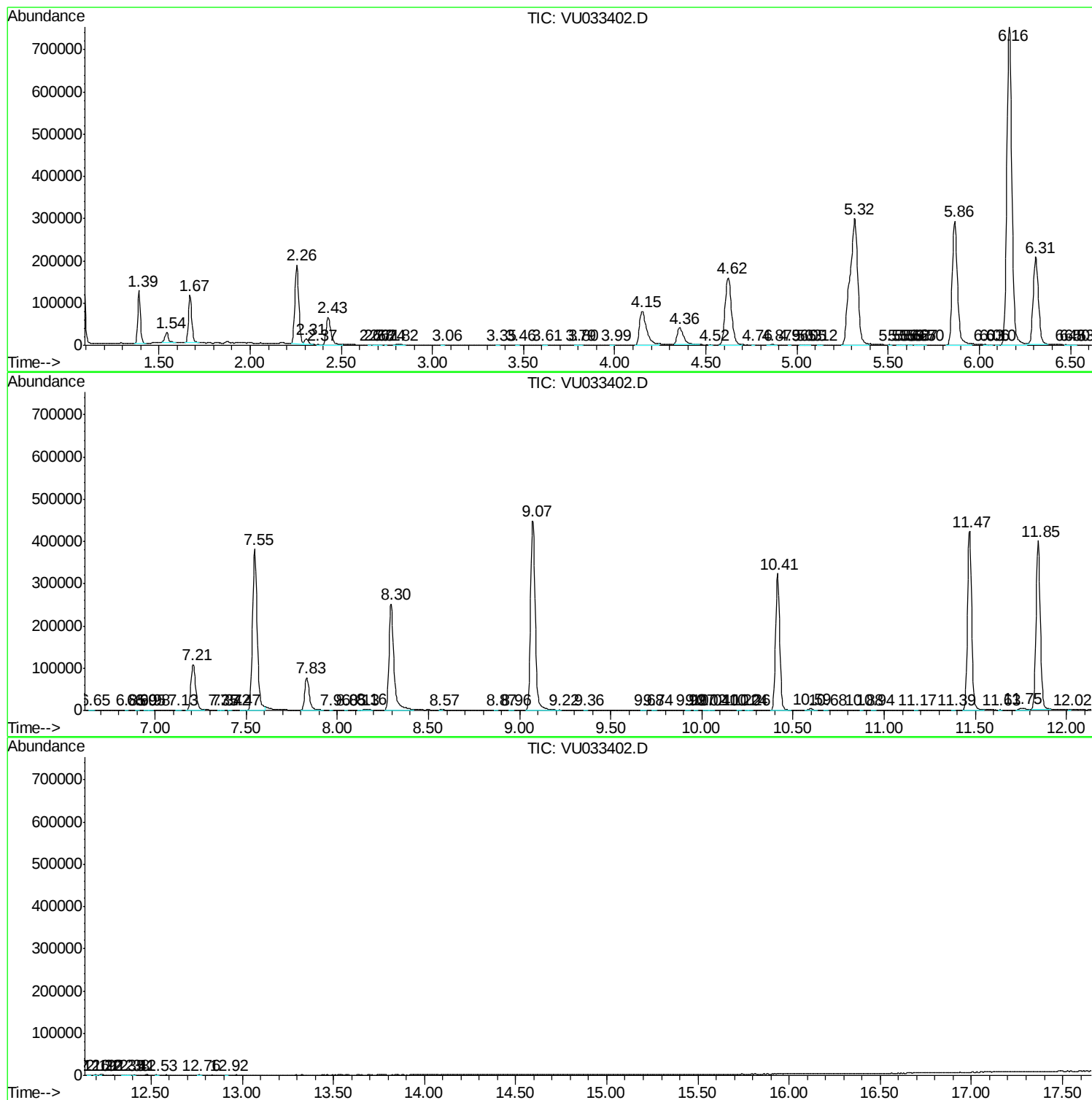
Sum of corrected areas: 8952714

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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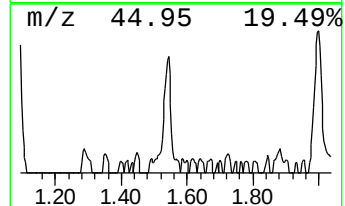
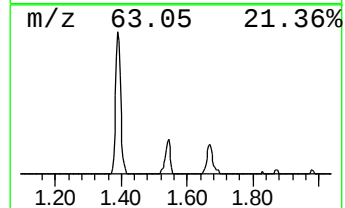
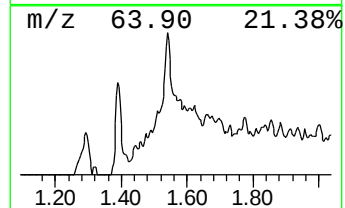
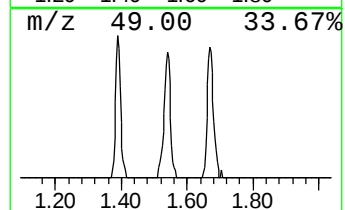
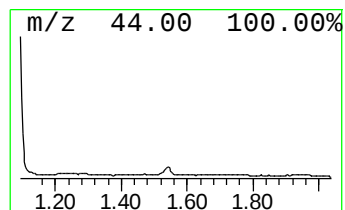
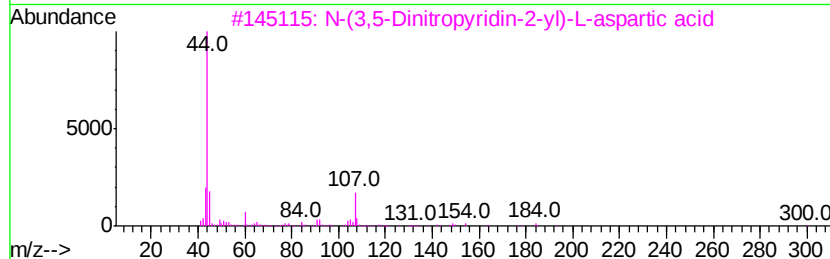
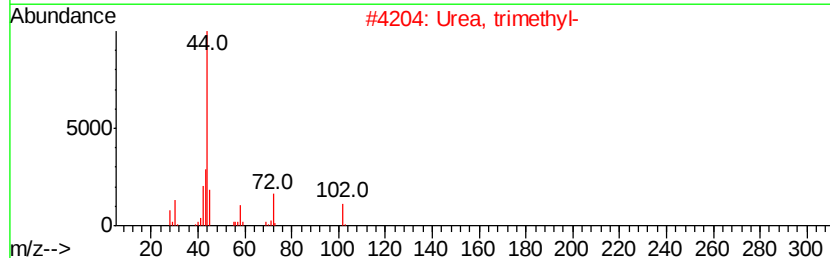
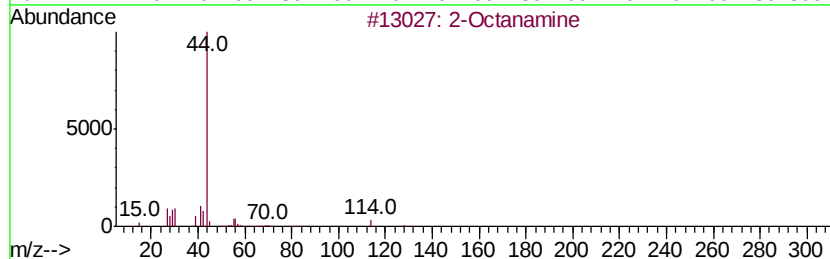
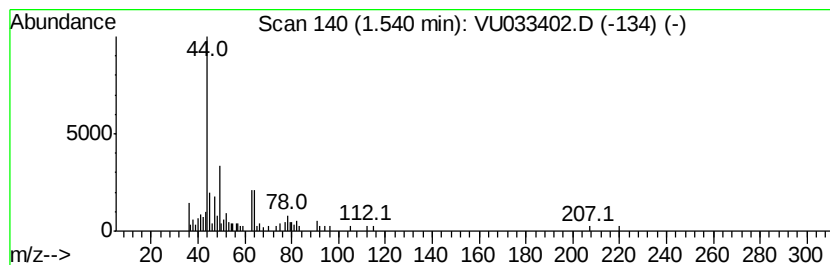
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	2.58 ug/L	30841	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octanamine	129	C8H19N	000693-16-3	9
2		Urea, trimethyl-	102	C4H10N2O	000632-14-4	9
3		N-(3,5-Dinitropyridin-2-yl)-L-as...	300	C9H8N4O8	035899-60-6	9
4		Glycine, N-(N-L-alanylalylcvl)-	203	C7H13N3O4	003146-40-5	9
5		2-Hexanamine, 5-methyl-	115	C7H17N	028292-43-5	9



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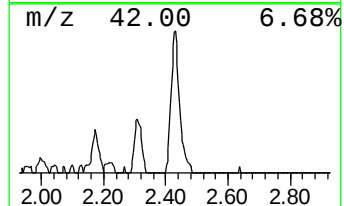
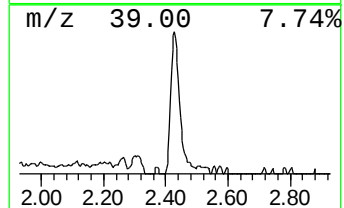
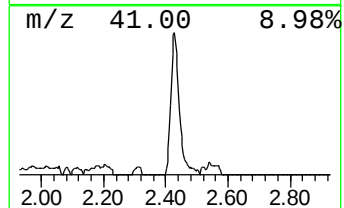
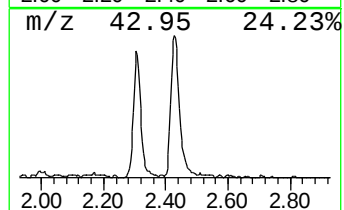
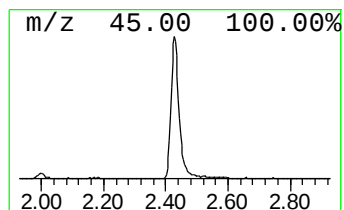
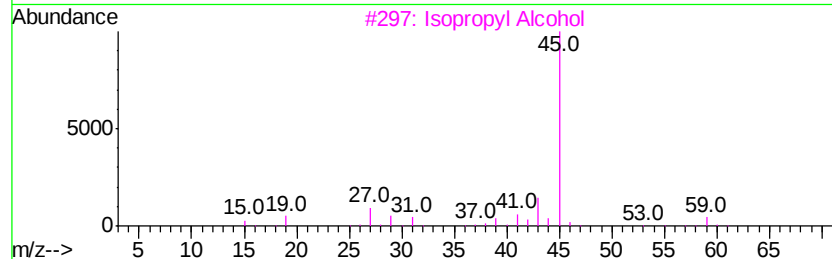
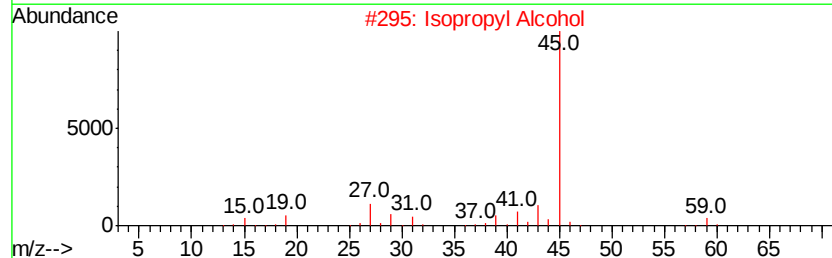
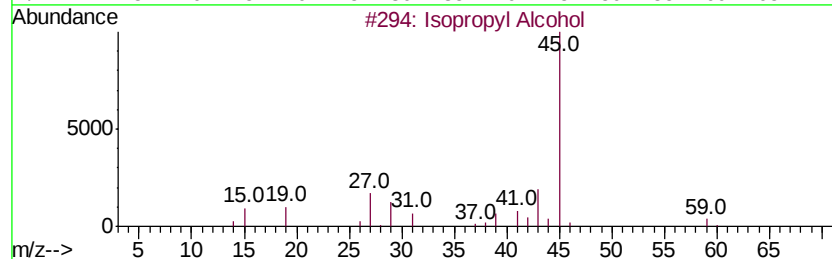
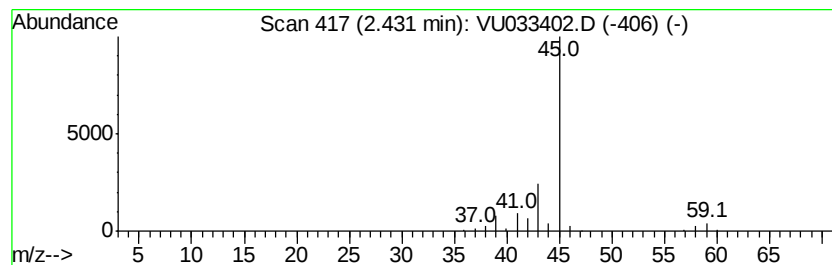
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	10.12 ug/L	120860	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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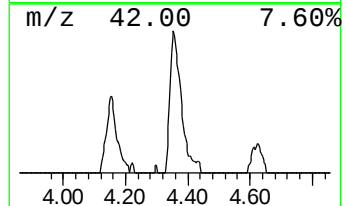
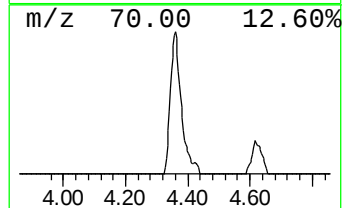
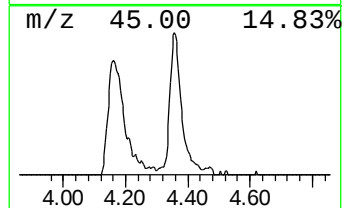
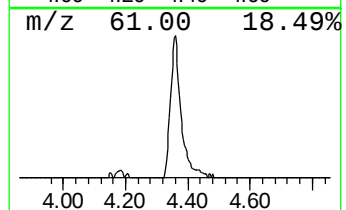
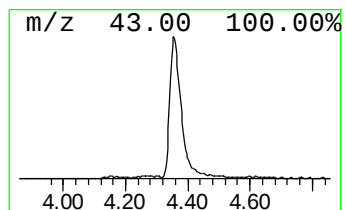
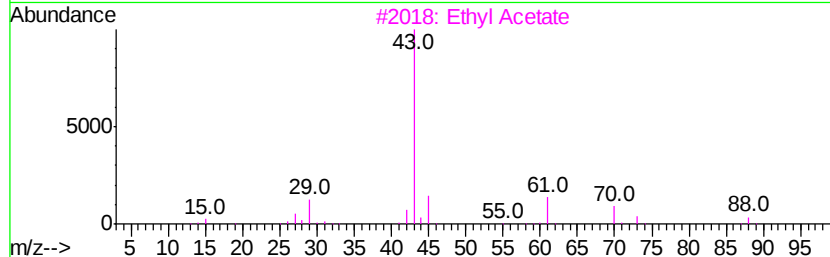
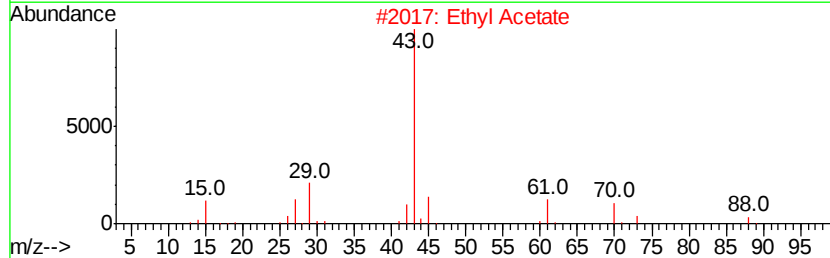
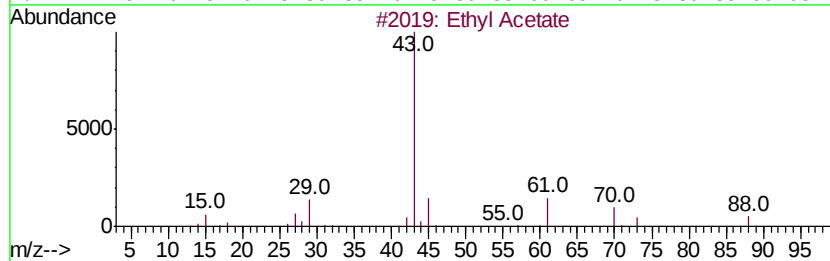
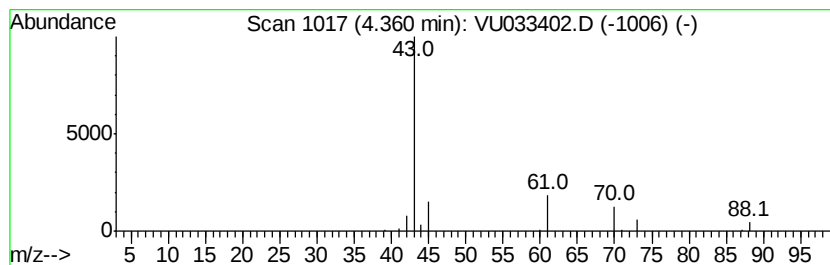
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	8.41 ug/L	100404	1,4-Difluorobenzene	5.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	83
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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Operator : JC/SP
Sample : K3957-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.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
unknown-01	1.54	2.6	ug/L	30841	1	5.86	596868	50.0
Isopropyl Alcohol	2.43	10.1	ug/L	120860	1	5.86	596868	50.0
Ethyl Acetate	4.36	8.4	ug/L	100404	1	5.86	596868	50.0