

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033404.D
 Acq On : 25 Jul 2019 12:49
 Operator : JC/SP
 Sample : K3957-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A11

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	1.392	86	94	105	rBV	127540	136456	14.43%	1.679%
2	1.543	134	141	153	rVB	22628	31016	3.28%	0.382%
3	1.669	172	180	196	rVB	118243	149654	15.82%	1.842%
4	2.254	352	362	373	rBV	219236	335464	35.47%	4.129%
5	2.309	374	379	395	rVB2	11253	18402	1.95%	0.226%
6	2.428	404	416	443	rBV	67994	123332	13.04%	1.518%
7	2.617	473	475	478	rVB3	332	199	0.02%	0.002%
8	2.678	491	494	497	rBV	361	215	0.02%	0.003%
9	2.723	506	508	512	rVB2	399	189	0.02%	0.002%
10	2.784	525	527	530	rBV2	312	208	0.02%	0.003%
11	2.820	530	538	539	rBV	947	1086	0.11%	0.013%
12	2.907	562	565	571	rVV	323	315	0.03%	0.004%
13	2.939	573	575	582	rVB3	246	277	0.03%	0.003%
14	3.055	604	611	615	rBV	149	189	0.02%	0.002%
15	3.235	661	667	670	rBV2	161	221	0.02%	0.003%
16	3.270	674	678	683	rVV2	425	411	0.04%	0.005%
17	3.354	698	704	707	rBV2	222	201	0.02%	0.002%
18	3.389	713	715	721	rVV3	410	316	0.03%	0.004%
19	3.418	721	724	727	rVB	409	292	0.03%	0.004%
20	3.489	743	746	752	rBV	180	203	0.02%	0.002%
21	3.592	775	778	786	rVB2	226	259	0.03%	0.003%
22	3.659	795	799	802	rBV2	335	217	0.02%	0.003%
23	3.723	815	819	822	rBV	393	401	0.04%	0.005%
24	3.993	900	903	907	rVV2	284	250	0.03%	0.003%
25	4.151	939	952	977	rBV	81925	225688	23.86%	2.778%
26	4.357	1005	1016	1043	rBV	39104	95242	10.07%	1.172%
27	4.527	1067	1069	1073	rBV3	399	191	0.02%	0.002%
28	4.620	1081	1098	1121	rBV	166546	400254	42.32%	4.926%
29	4.865	1165	1174	1182	rVB5	1120	2063	0.22%	0.025%
30	4.916	1186	1190	1195	rBV2	335	303	0.03%	0.004%
31	5.054	1229	1233	1237	rBV2	184	211	0.02%	0.003%
32	5.099	1245	1247	1252	rVB	262	189	0.02%	0.002%
33	5.141	1257	1260	1264	rVV2	282	205	0.02%	0.003%
34	5.318	1291	1315	1337	rBV2	312044	945770	100.00%	11.640%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033404.D
 Acq On : 25 Jul 2019 12:49
 Operator : JC/SP
 Sample : K3957-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A11

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

35	5.550	1385	1387	1390	rVB2	331	191	0.02%	0.002%
36	5.579	1390	1396	1399	rBV2	228	238	0.03%	0.003%
37	5.723	1437	1441	1443	rBV2	341	246	0.03%	0.003%
38	5.752	1447	1450	1455	rVB3	376	317	0.03%	0.004%
39	5.865	1471	1485	1507	rBV	322490	648033	68.52%	7.976%
40	6.042	1538	1540	1549	rVB4	965	880	0.09%	0.011%
41	6.103	1557	1559	1563	rVB4	473	271	0.03%	0.003%
42	6.167	1566	1579	1599	rBV	76212	150568	15.92%	1.853%
43	6.308	1608	1623	1652	rBV	218615	442371	46.77%	5.445%
44	6.440	1662	1664	1670	rVB5	903	768	0.08%	0.009%
45	6.469	1670	1673	1677	rVV3	396	313	0.03%	0.004%
46	6.505	1681	1684	1689	rVB2	463	351	0.04%	0.004%
47	6.842	1785	1789	1790	rBV	313	205	0.02%	0.003%
48	6.942	1814	1820	1822	rBV	184	182	0.02%	0.002%
49	6.993	1833	1836	1842	rVB2	196	203	0.02%	0.002%
50	7.209	1892	1903	1919	rBV	113720	206171	21.80%	2.538%
51	7.344	1939	1945	1948	rBV3	359	323	0.03%	0.004%
52	7.376	1953	1955	1956	rBV	367	192	0.02%	0.002%
53	7.437	1971	1974	1977	rVB	384	221	0.02%	0.003%
54	7.546	1995	2008	2044	rBV	395374	718012	75.92%	8.837%
55	7.833	2082	2097	2124	rBV	81747	144722	15.30%	1.781%
56	7.987	2141	2145	2148	rBV2	253	193	0.02%	0.002%
57	8.041	2160	2162	2166	rVB2	441	271	0.03%	0.003%
58	8.122	2183	2187	2190	rBV2	224	203	0.02%	0.002%
59	8.164	2190	2200	2211	rVB3	2418	3960	0.42%	0.049%
60	8.296	2230	2241	2275	rBV	273193	492782	52.10%	6.065%
61	8.505	2304	2306	2314	rVB2	471	429	0.05%	0.005%
62	8.562	2320	2324	2326	rBV4	814	691	0.07%	0.009%
63	8.575	2326	2328	2331	rVV2	867	602	0.06%	0.007%
64	8.607	2335	2338	2339	rBV	384	209	0.02%	0.003%
65	8.652	2346	2352	2353	rBV2	373	231	0.02%	0.003%
66	8.794	2391	2396	2398	rBV	210	182	0.02%	0.002%
67	9.070	2469	2482	2523	rBV	491004	849173	89.79%	10.451%
68	9.234	2530	2533	2535	rBV	391	236	0.02%	0.003%
69	9.302	2549	2554	2558	rBV2	247	235	0.02%	0.003%
70	9.575	2637	2639	2643	rVB2	280	213	0.02%	0.003%
71	9.768	2696	2699	2702	rBV2	424	344	0.04%	0.004%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033404.D
 Acq On : 25 Jul 2019 12:49
 Operator : JC/SP
 Sample : K3957-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A11

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

72	10.086	2795	2798	2803	rBV	210	193	0.02%	0.002%
73	10.205	2830	2835	2838	rBV2	616	656	0.07%	0.008%
74	10.414	2888	2900	2922	rBV	338324	544416	57.56%	6.701%
75	10.594	2946	2956	2966	rBV6	1891	3366	0.36%	0.041%
76	10.678	2977	2982	2986	rBV2	199	191	0.02%	0.002%
77	10.701	2986	2989	2993	rBV2	489	300	0.03%	0.004%
78	10.823	3023	3027	3030	rBV3	308	262	0.03%	0.003%
79	11.106	3112	3115	3122	rVB2	374	262	0.03%	0.003%
80	11.141	3122	3126	3127	rBV2	334	201	0.02%	0.002%
81	11.157	3128	3131	3136	rVV2	453	422	0.04%	0.005%
82	11.209	3145	3147	3150	rVV	331	218	0.02%	0.003%
83	11.279	3166	3169	3172	rBV2	288	222	0.02%	0.003%
84	11.305	3173	3177	3181	rVB2	453	387	0.04%	0.005%
85	11.337	3184	3187	3189	rBV	396	314	0.03%	0.004%
86	11.469	3215	3228	3251	rBV	469104	742388	78.50%	9.137%
87	11.710	3301	3303	3308	rVB3	498	340	0.04%	0.004%
88	11.762	3308	3319	3321	rBV6	2323	3521	0.37%	0.043%
89	11.845	3333	3345	3365	rBV	427804	688466	72.79%	8.474%
90	12.077	3414	3417	3419	rBV4	467	286	0.03%	0.004%
91	12.109	3424	3427	3432	rVB3	795	664	0.07%	0.008%
92	12.141	3432	3437	3439	rBV4	461	393	0.04%	0.005%
93	12.254	3467	3472	3477	rBV4	533	565	0.06%	0.007%
94	12.443	3527	3531	3533	rBV2	519	400	0.04%	0.005%
95	12.598	3576	3579	3581	rBV	412	275	0.03%	0.003%
96	12.659	3595	3598	3602	rVV2	360	305	0.03%	0.004%
97	12.935	3679	3684	3687	rBV3	371	375	0.04%	0.005%
98	13.408	3828	3831	3836	rBV3	389	448	0.05%	0.006%
99	13.446	3841	3843	3845	rBV	332	211	0.02%	0.003%
100	13.996	4012	4014	4017	rBV	463	232	0.02%	0.003%

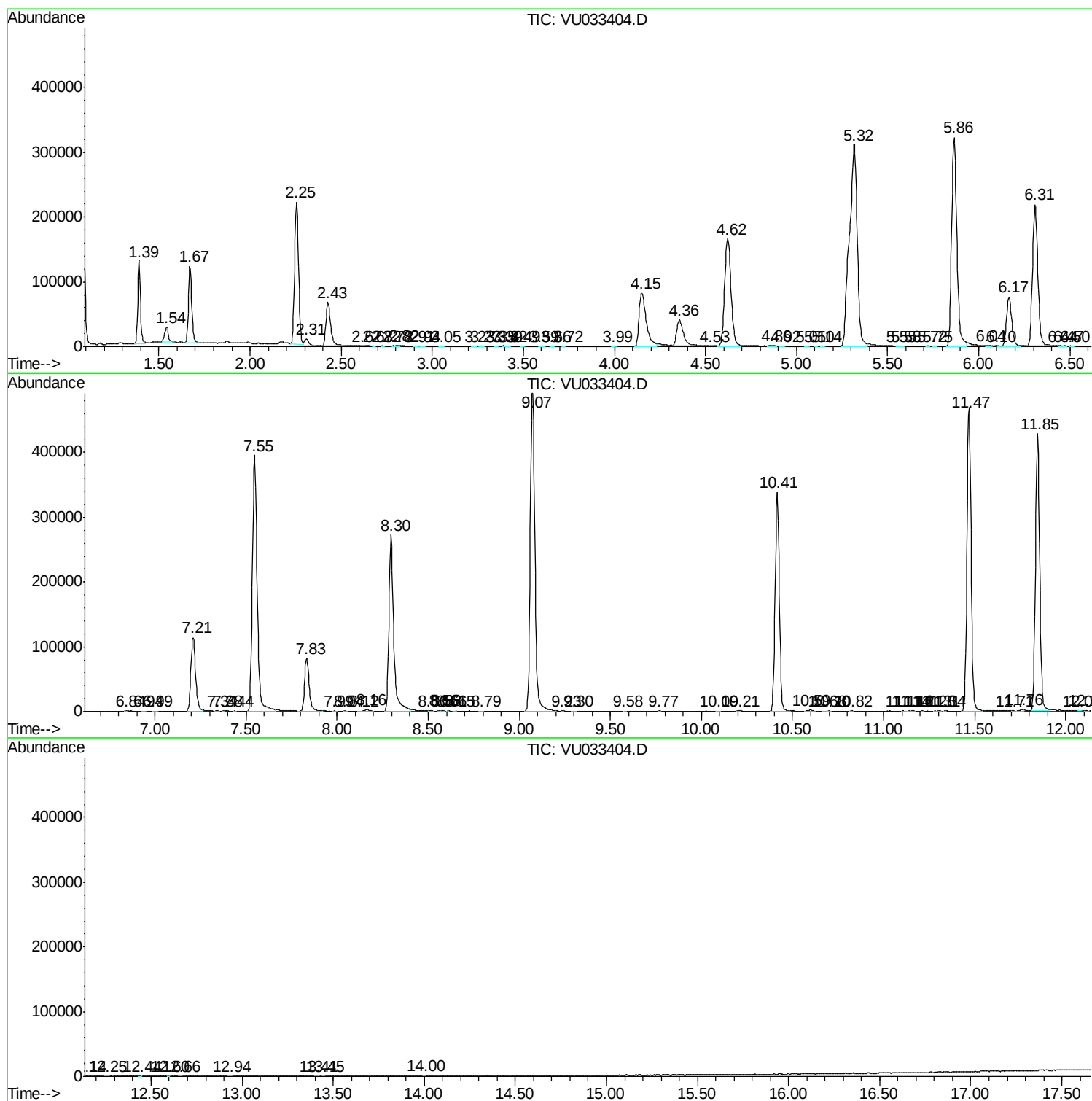
Sum of corrected areas: 8124900

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072519\
Data File : VU033404.D
Acq On : 25 Jul 2019 12:49
Operator : JC/SP
Sample : K3957-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A11

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072519\
Data File : VU033404.D
Acq On : 25 Jul 2019 12:49
Operator : JC/SP
Sample : K3957-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
F2A11

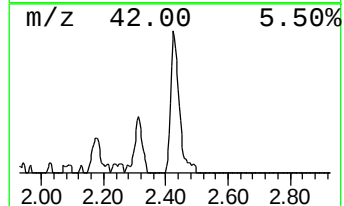
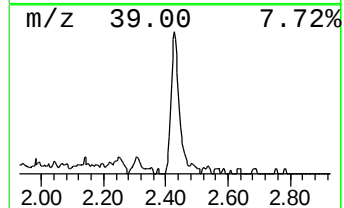
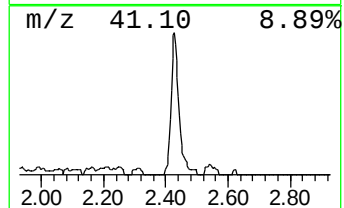
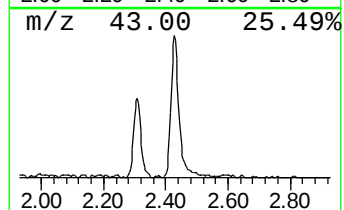
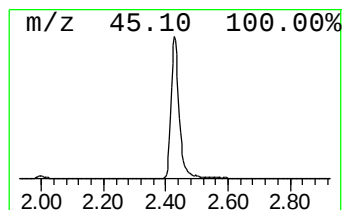
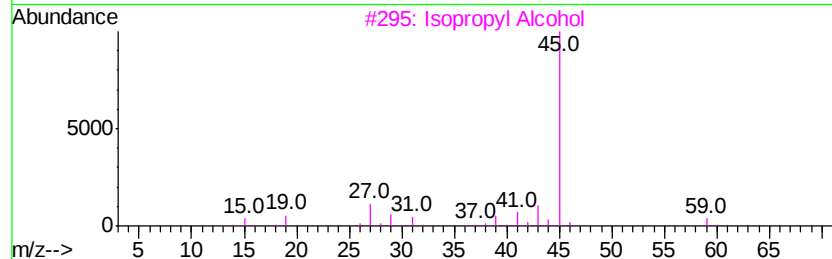
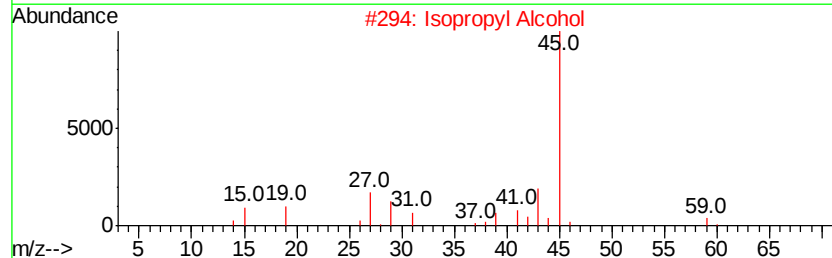
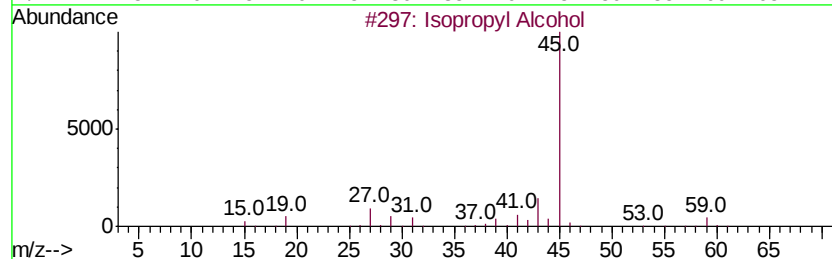
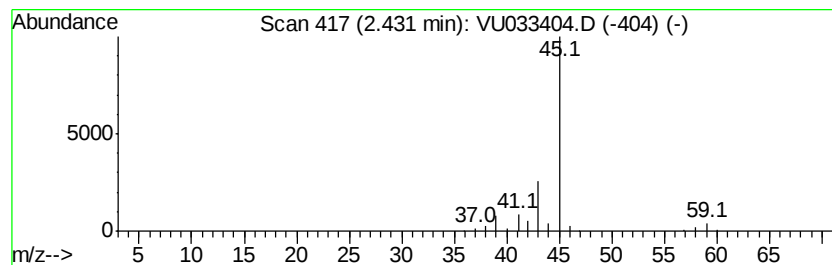
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	9.52 ug/L	123332	1,4-Difluorobenzene	5.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072519\
Data File : VU033404.D
Acq On : 25 Jul 2019 12:49
Operator : JC/SP
Sample : K3957-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A11

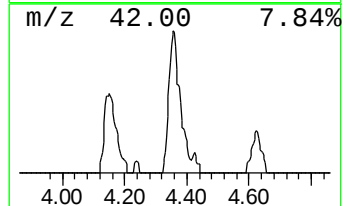
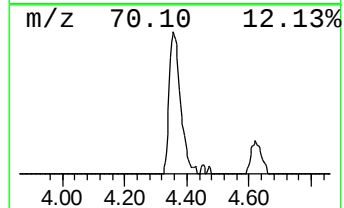
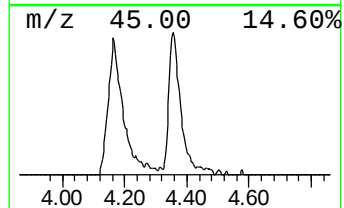
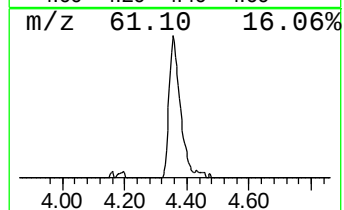
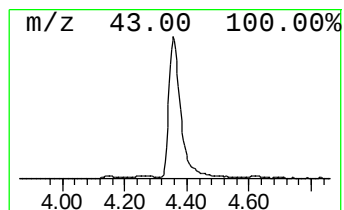
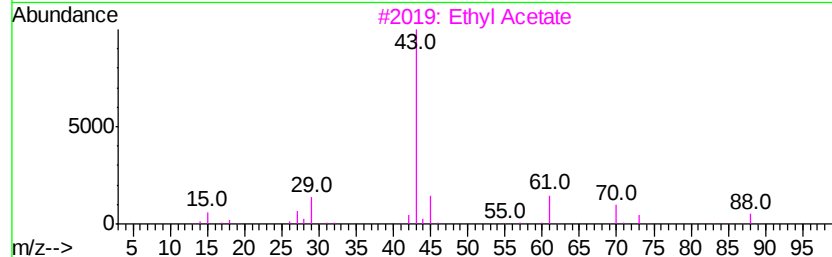
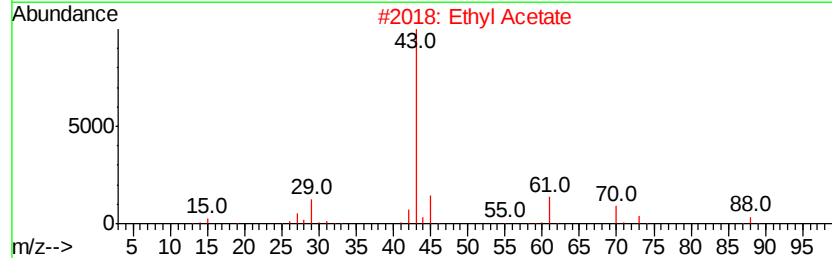
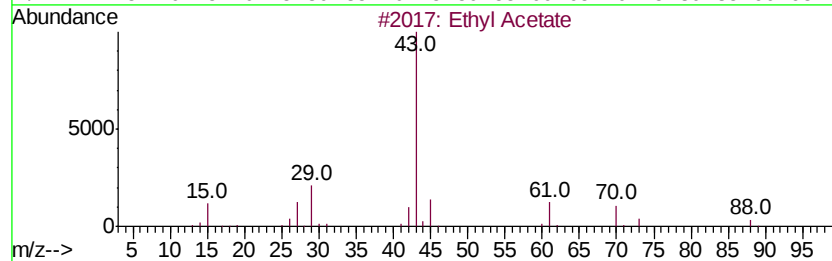
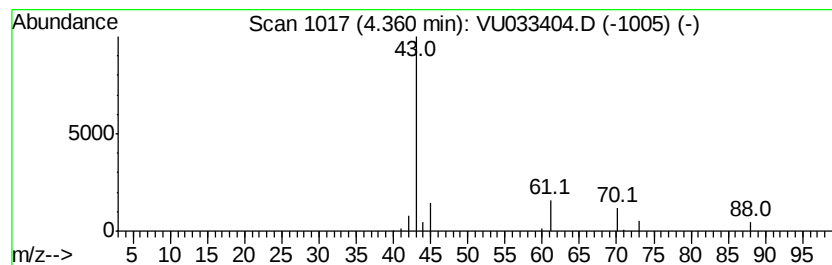
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	7.35 ug/L	95242	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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072519\
Data File : VU033404.D
Acq On : 25 Jul 2019 12:49
Operator : JC/SP
Sample : K3957-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A11

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
Isopropyl Alcohol	2.43	9.5	ug/L	123332	1	5.86	648033	50.0
Ethyl Acetate	4.36	7.3	ug/L	95242	1	5.86	648033	50.0