

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030378.D
 Acq On : 24 Mar 2019 18:11
 Operator : JC/SP
 Sample : K2016-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0989

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\SOMULM032319WMA.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	25	29	37	rVB2	16212	15773	0.01%	0.002%
2	1.399	89	96	109	rVB	208997	215657	0.08%	0.030%
3	1.675	175	182	201	rVB	157392	217760	0.08%	0.030%
4	2.051	295	299	305	rBV	2452	2669	0.00%	0.000%
5	2.270	356	367	378	rBV	336075	516620	0.18%	0.072%
6	2.444	412	421	437	rVB	47065	83343	0.03%	0.012%
7	2.579	460	463	471	rVB2	2920	3872	0.00%	0.001%
8	2.620	471	476	482	rBV3	1880	2653	0.00%	0.000%
9	2.682	489	495	497	rBV	3230	3810	0.00%	0.001%
10	2.778	520	525	526	rBV	3362	2640	0.00%	0.000%
11	2.974	582	586	588	rBV	1847	1610	0.00%	0.000%
12	2.993	589	592	597	rVB4	1886	2197	0.00%	0.000%
13	3.186	646	652	663	rVB5	6623	11843	0.00%	0.002%
14	3.267	674	677	680	rBV	1474	1158	0.00%	0.000%
15	3.382	708	713	715	rBV3	1472	1426	0.00%	0.000%
16	3.415	721	723	727	rVB	1600	997	0.00%	0.000%
17	3.466	734	739	743	rVB	1865	1899	0.00%	0.000%
18	3.550	760	765	769	rBV	1933	1829	0.00%	0.000%
19	3.582	769	775	777	rBV2	990	1079	0.00%	0.000%
20	3.874	863	866	867	rBV	1628	1105	0.00%	0.000%
21	3.939	883	886	890	rBV2	957	1072	0.00%	0.000%
22	4.093	919	934	948	rBV2	36289	98683	0.03%	0.014%
23	4.173	948	959	988	rVV	171783	448585	0.16%	0.062%
24	4.379	1013	1023	1045	rBV2	70222	165996	0.06%	0.023%
25	4.646	1090	1106	1128	rBV2	277916	730788	0.25%	0.101%
26	4.878	1174	1178	1185	rBV4	1940	2301	0.00%	0.000%
27	4.993	1202	1214	1232	rVB3	25469	55932	0.02%	0.008%
28	5.132	1243	1257	1275	rBV	89840	216256	0.08%	0.030%
29	5.234	1284	1289	1292	rBV	1896	1688	0.00%	0.000%
30	5.392	1300	1338	1388	rBV2	30455049	69428999	24.22%	9.632%
31	5.884	1480	1491	1518	rVB	537286	1091510	0.38%	0.151%
32	6.186	1579	1585	1592	rVV3	4108	6047	0.00%	0.001%
33	6.328	1615	1629	1645	rBV	375258	765089	0.27%	0.106%
34	6.617	1716	1719	1721	rVV3	1522	1125	0.00%	0.000%

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 Title : VOC Analysis

35	6.633	1721	1724	1731	rVB5	2909	3771	0.00%	0.001%
36	6.691	1739	1742	1745	rBV	2127	1693	0.00%	0.000%
37	6.733	1748	1755	1757	rBV2	1566	1498	0.00%	0.000%
38	6.762	1757	1764	1770	rBV2	2777	4037	0.00%	0.001%
39	6.816	1777	1781	1782	rBV2	1981	1265	0.00%	0.000%
40	6.948	1816	1822	1825	rBV2	1959	2011	0.00%	0.000%
41	7.070	1851	1860	1868	rBV2	2889	4966	0.00%	0.001%
42	7.164	1886	1889	1894	rVB	1799	1395	0.00%	0.000%
43	7.225	1894	1908	1928	rBV	193686	365910	0.13%	0.051%
44	7.321	1933	1938	1941	rVB2	1777	1857	0.00%	0.000%
45	7.389	1953	1959	1969	rVB6	8119	14430	0.01%	0.002%
46	7.562	1996	2013	2031	rBV	748877	1339451	0.47%	0.186%
47	7.848	2090	2102	2118	rBV2	139274	245745	0.09%	0.034%
48	8.128	2187	2189	2195	rVB2	1187	1068	0.00%	0.000%
49	8.170	2197	2202	2209	rVB2	2862	3658	0.00%	0.001%
50	8.228	2209	2220	2232	rBV3	25616	44650	0.02%	0.006%
51	8.308	2235	2245	2278	rBV	560715	1040816	0.36%	0.144%
52	8.537	2313	2316	2322	rVV2	1633	1512	0.00%	0.000%
53	8.636	2344	2347	2350	rVB	1921	1292	0.00%	0.000%
54	8.659	2350	2354	2356	rBV	1461	1056	0.00%	0.000%
55	8.710	2364	2370	2374	rBV	1686	1604	0.00%	0.000%
56	8.791	2390	2395	2398	rBV2	1577	1649	0.00%	0.000%
57	8.810	2398	2401	2408	rVB	2533	2426	0.00%	0.000%
58	8.842	2408	2411	2415	rBV	2041	1664	0.00%	0.000%
59	8.893	2421	2427	2429	rBV	1345	1111	0.00%	0.000%
60	8.967	2446	2450	2456	rBV2	1438	1396	0.00%	0.000%
61	8.993	2456	2458	2463	rVB	1387	954	0.00%	0.000%
62	9.022	2463	2467	2471	rBV	954	1008	0.00%	0.000%
63	9.138	2471	2503	2545	rBV4	82033756	177798321	62.03%	24.666%
64	9.498	2612	2615	2617	rBV	2063	1453	0.00%	0.000%
65	9.627	2647	2655	2659	rBV2	2172	3548	0.00%	0.000%
66	9.784	2700	2704	2711	rBV4	2615	2894	0.00%	0.000%
67	10.016	2773	2776	2779	rBV3	1262	944	0.00%	0.000%
68	10.125	2806	2810	2813	rBV3	1273	1423	0.00%	0.000%
69	10.164	2817	2822	2824	rBV	2080	2012	0.00%	0.000%
70	10.270	2853	2855	2859	rBV2	1384	1031	0.00%	0.000%
71	10.363	2879	2884	2887	rBV2	1525	1525	0.00%	0.000%

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72	10.427	2887	2904	2931	rVV2	503754	978226	0.34%	0.136%
73	10.575	2947	2950	2952	rBV	1850	1282	0.00%	0.000%
74	10.588	2952	2954	2957	rVV	1122	959	0.00%	0.000%
75	10.659	2965	2976	2990	rBV	36856	65600	0.02%	0.009%
76	10.774	3005	3012	3027	rVB2	17868	30901	0.01%	0.004%
77	10.874	3039	3043	3044	rBV	1629	1078	0.00%	0.000%
78	10.887	3045	3047	3054	rVB	2010	1940	0.00%	0.000%
79	11.083	3106	3108	3112	rVB	1744	1035	0.00%	0.000%
80	11.106	3112	3115	3121	rVB	2741	2398	0.00%	0.000%
81	11.151	3124	3129	3136	rBV3	2864	3097	0.00%	0.000%
82	11.231	3152	3154	3158	rVB	1962	1203	0.00%	0.000%
83	11.282	3164	3170	3175	rBV	1238	1315	0.00%	0.000%
84	11.353	3188	3192	3196	rBV2	1416	1228	0.00%	0.000%
85	11.421	3196	3213	3227	rBV	14944530	26074260	9.10%	3.617%
86	11.536	3227	3249	3282	rVB5	123851681	286628723	100.00%	39.764%
87	12.633	3579	3590	3603	rBV	313158	492659	0.17%	0.068%
88	12.813	3635	3646	3653	rBV3	96904	209262	0.07%	0.029%
89	12.858	3654	3660	3684	rVB	249418	469440	0.16%	0.065%
90	12.987	3689	3700	3719	rVB	149986	243276	0.08%	0.034%
91	13.234	3771	3777	3789	rVB3	17809	29762	0.01%	0.004%
92	13.315	3795	3802	3817	rVB3	20413	34131	0.01%	0.005%
93	13.517	3846	3865	3903	rBV2	67925436	114953039	40.11%	15.947%
94	13.745	3929	3936	3948	rVB3	13928	24324	0.01%	0.003%
95	13.987	3996	4011	4034	rBV	17311433	27167433	9.48%	3.769%
96	14.379	4125	4133	4150	rVB	75728	131156	0.05%	0.018%
97	14.922	4299	4302	4303	rBV2	2473	1390	0.00%	0.000%
98	15.067	4331	4347	4371	rVB	1073781	1895524	0.66%	0.263%
99	15.646	4513	4527	4555	rBV	3950445	6327987	2.21%	0.878%
100	16.900	4911	4917	4929	rVB6	25809	42545	0.01%	0.006%

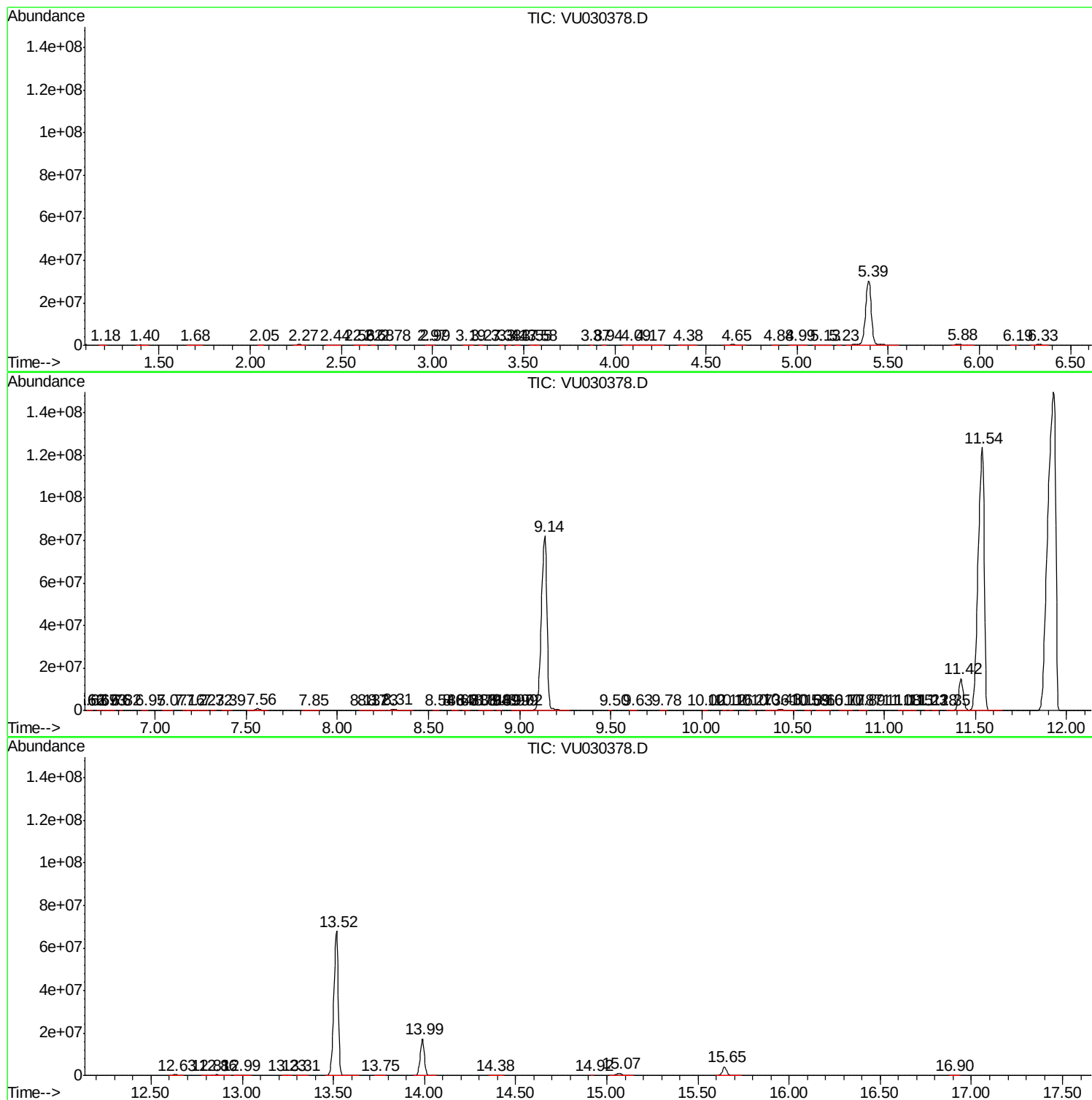
Sum of corrected areas: 720826228

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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



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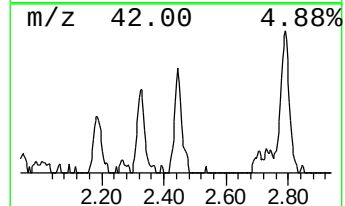
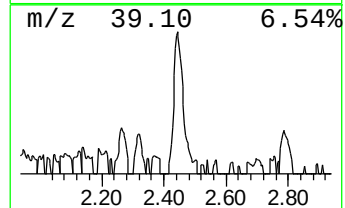
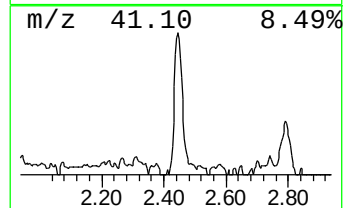
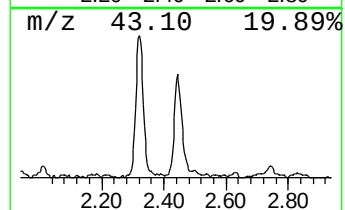
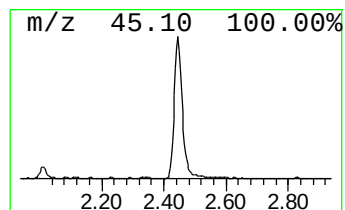
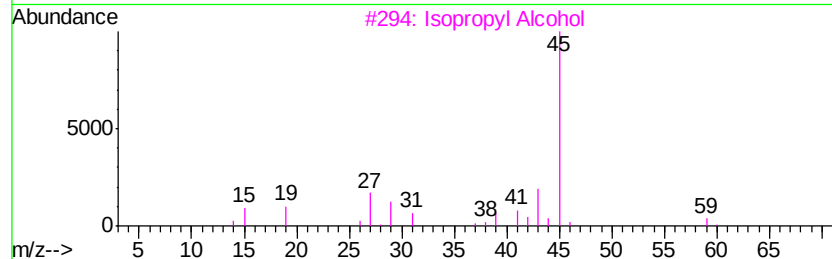
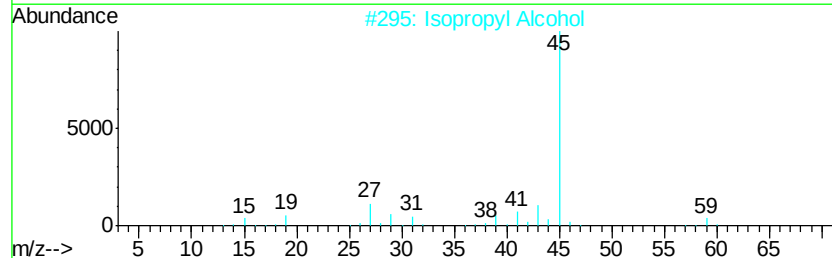
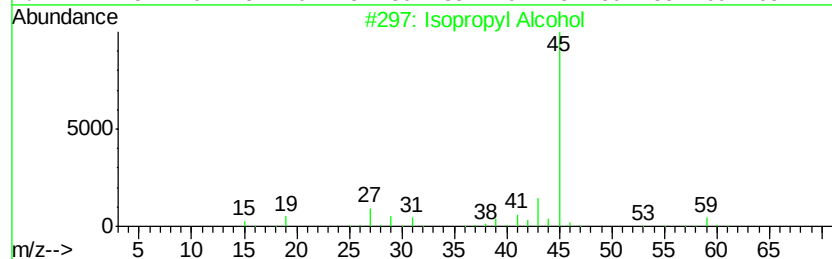
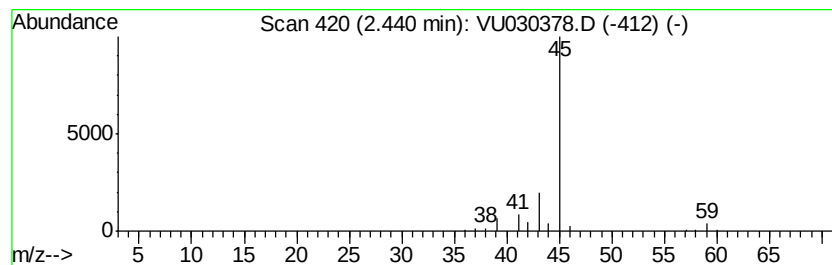
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.82 ug/L	83343	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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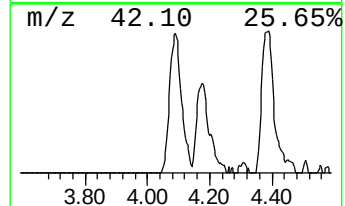
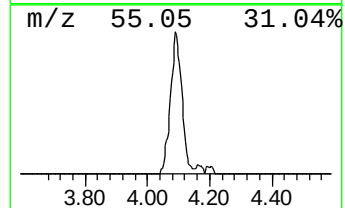
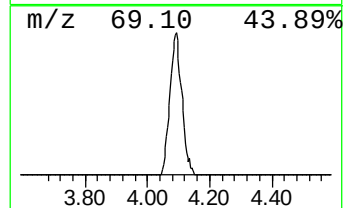
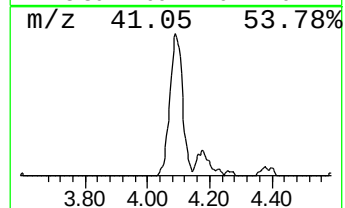
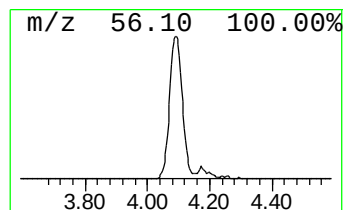
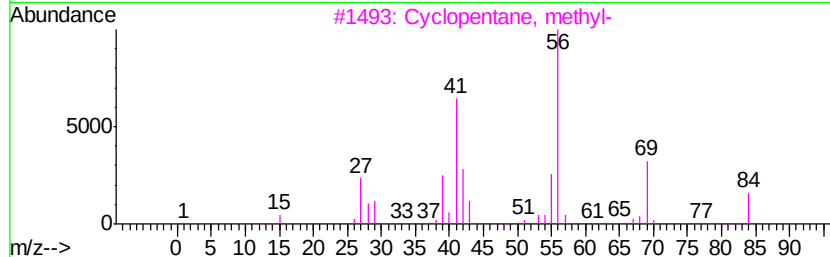
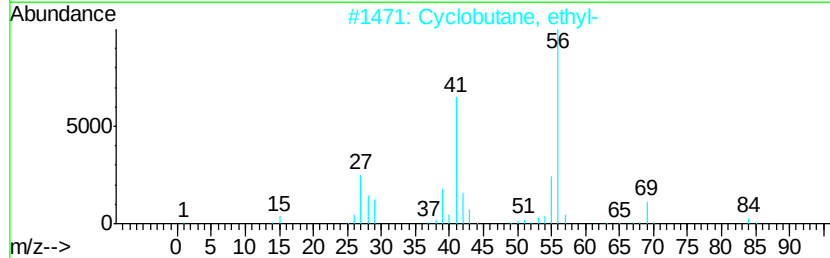
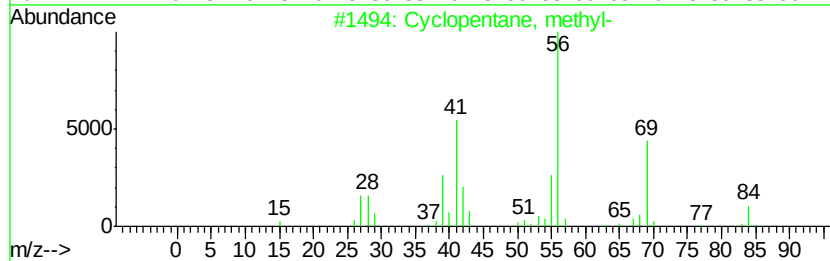
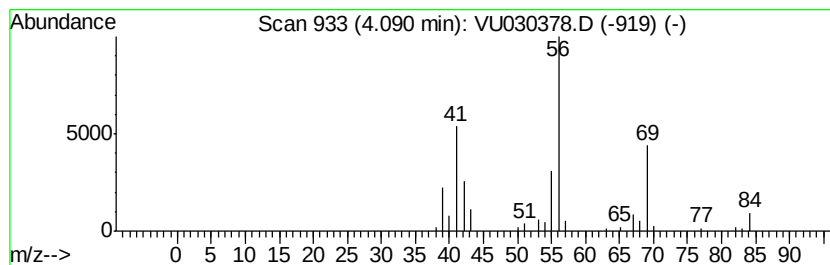
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	4.52 ug/L	98683	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	64



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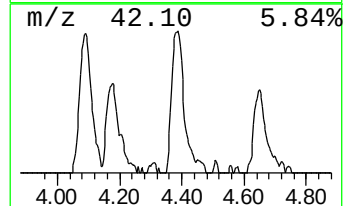
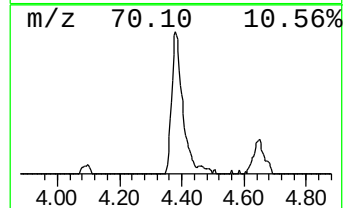
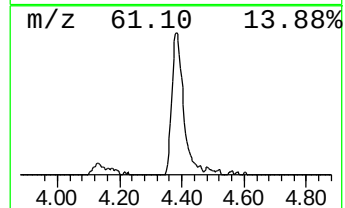
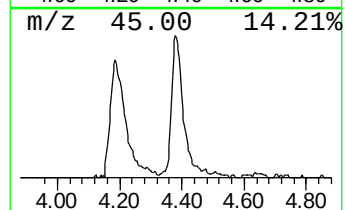
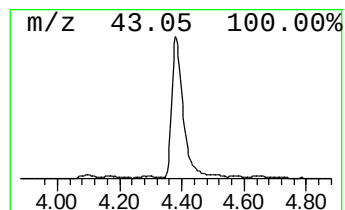
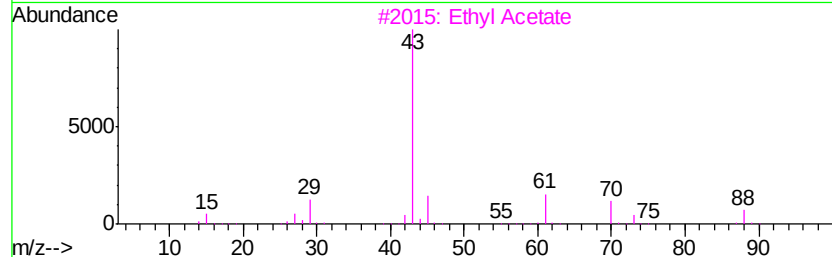
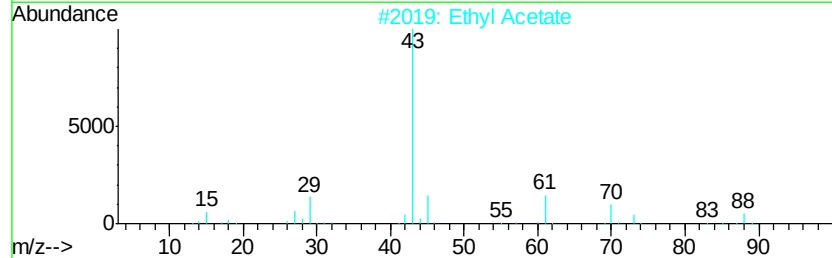
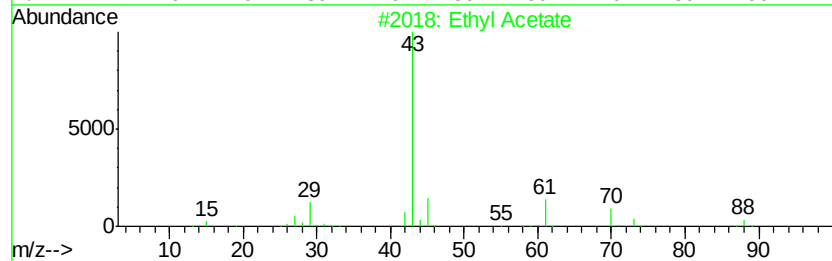
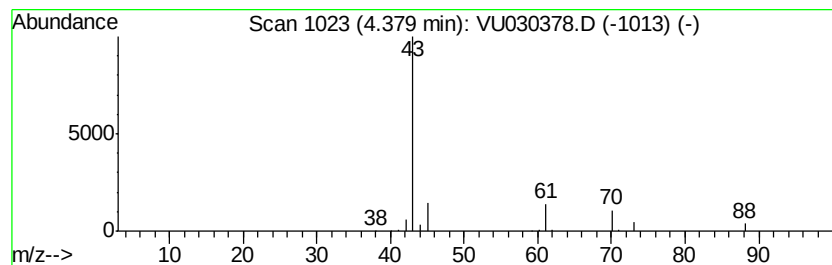
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Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	7.60 ug/L	165996	1,4-Difluorobenzene	5.88

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	86	
3	Ethyl Acetate	88	C4H8O2	000141-78-6	78	
4	Ethyl Acetate	88	C4H8O2	000141-78-6	72	
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Data File : VU030378.D
Acq On : 24 Mar 2019 18:11
Operator : JC/SP
Sample : K2016-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0989

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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	2.44	3.8	ug/L	83343	1	5.88	1091510	50.0
(DEL) Alkane: Str...	4.09	4.5	ug/L	98683	1	5.88	1091510	50.0
Ethyl Acetate	4.38	7.6	ug/L	165996	1	5.88	1091510	50.0