

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031189.D
 Acq On : 14 Apr 2019 04:45
 Operator : JC/SP
 Sample : K2409-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC24

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\SOMULM040519WMA.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	1.177	22	27	41	rVB	71735	72816	4.60%	0.575%
2	1.395	87	95	105	rBV	323668	350908	22.16%	2.773%
3	1.672	174	181	198	rVB	241506	334619	21.13%	2.644%
4	2.267	356	366	377	rVB	484010	727070	45.92%	5.745%
5	2.440	410	420	444	rBV2	26530	57487	3.63%	0.454%
6	2.579	458	463	467	rVB6	774	878	0.06%	0.007%
7	2.691	495	498	504	rVV6	1167	1304	0.08%	0.010%
8	2.733	508	511	515	rBV4	626	643	0.04%	0.005%
9	2.752	515	517	521	rVB3	938	676	0.04%	0.005%
10	2.807	530	534	536	rBV4	1023	889	0.06%	0.007%
11	2.836	536	543	549	rVB6	2096	3176	0.20%	0.025%
12	2.939	570	575	578	rBV4	873	991	0.06%	0.008%
13	2.958	579	581	583	rVV	900	514	0.03%	0.004%
14	2.981	583	588	599	rVB8	2358	4072	0.26%	0.032%
15	3.054	609	611	615	rVB3	713	500	0.03%	0.004%
16	3.116	626	630	635	rVV2	880	919	0.06%	0.007%
17	3.141	635	638	641	rVV4	769	561	0.04%	0.004%
18	3.196	651	655	658	rVB3	915	730	0.05%	0.006%
19	3.318	690	693	696	rVB2	619	510	0.03%	0.004%
20	3.366	703	708	711	rBV2	907	766	0.05%	0.006%
21	3.543	758	763	765	rBV2	561	618	0.04%	0.005%
22	3.569	768	771	776	rVB2	569	532	0.03%	0.004%
23	3.672	797	803	806	rVB3	608	495	0.03%	0.004%
24	3.964	891	894	898	rBV	676	589	0.04%	0.005%
25	4.099	931	936	939	rVB4	729	703	0.04%	0.006%
26	4.119	939	942	946	rBV2	1098	1084	0.07%	0.009%
27	4.170	946	958	990	rBV	155811	438956	27.72%	3.469%
28	4.540	1071	1073	1077	rBV4	725	535	0.03%	0.004%
29	4.562	1078	1080	1085	rVB4	657	567	0.04%	0.004%
30	4.640	1087	1104	1131	rVV	265955	640594	40.46%	5.062%
31	4.829	1159	1163	1168	rVB3	875	883	0.06%	0.007%
32	4.871	1171	1176	1178	rBV3	1124	909	0.06%	0.007%
33	4.984	1206	1211	1216	rBV5	874	861	0.05%	0.007%
34	5.006	1216	1218	1223	rBV4	459	483	0.03%	0.004%

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 Title : VOC Analysis

35	5.186	1270	1274	1279	rVB3	652	642	0.04%	0.005%
36	5.209	1279	1281	1287	rBV2	705	574	0.04%	0.005%
37	5.334	1297	1320	1344	rBV2	521340	1583461	100.00%	12.513%
38	5.627	1407	1411	1414	rBV4	727	580	0.04%	0.005%
39	5.742	1443	1447	1449	rBV2	768	684	0.04%	0.005%
40	5.881	1476	1490	1512	rBV	456178	923749	58.34%	7.299%
41	6.183	1572	1584	1605	rBV6	18109	43994	2.78%	0.348%
42	6.257	1605	1607	1613	rVB4	676	667	0.04%	0.005%
43	6.324	1613	1628	1649	rBV	357575	726121	45.86%	5.738%
44	6.524	1688	1690	1696	rVB3	1079	776	0.05%	0.006%
45	6.974	1827	1830	1835	rVV2	885	690	0.04%	0.005%
46	7.125	1872	1877	1879	rBV3	544	485	0.03%	0.004%
47	7.225	1897	1908	1931	rBV	158118	295089	18.64%	2.332%
48	7.466	1976	1983	1992	rVB5	4243	6720	0.42%	0.053%
49	7.562	2000	2013	2031	rBV	610119	1086207	68.60%	8.583%
50	7.849	2091	2102	2125	rBV	112965	201649	12.73%	1.593%
51	7.971	2138	2140	2145	rVB4	959	712	0.04%	0.006%
52	8.012	2150	2153	2160	rVB6	1375	1305	0.08%	0.010%
53	8.061	2164	2168	2171	rBV3	834	743	0.05%	0.006%
54	8.170	2192	2202	2214	rBV4	4660	8578	0.54%	0.068%
55	8.225	2214	2219	2225	rBV6	1916	2099	0.13%	0.017%
56	8.308	2232	2245	2290	rBV2	471450	970608	61.30%	7.670%
57	8.611	2337	2339	2345	rVV6	611	535	0.03%	0.004%
58	8.765	2384	2387	2390	rBV2	683	532	0.03%	0.004%
59	8.800	2395	2398	2401	rBV3	912	492	0.03%	0.004%
60	8.836	2407	2409	2414	rVB4	804	603	0.04%	0.005%
61	8.868	2414	2419	2423	rBV2	616	573	0.04%	0.005%
62	9.086	2474	2487	2515	rBV	664837	1136666	71.78%	8.982%
63	9.254	2536	2539	2545	rVB4	2350	2394	0.15%	0.019%
64	9.369	2571	2575	2576	rBV2	882	628	0.04%	0.005%
65	9.501	2613	2616	2621	rVV4	454	478	0.03%	0.004%
66	9.778	2694	2702	2704	rBV4	1437	1757	0.11%	0.014%
67	9.852	2724	2725	2732	rVB2	937	841	0.05%	0.007%
68	9.935	2747	2751	2754	rBV2	916	753	0.05%	0.006%
69	10.054	2784	2788	2791	rBV	522	495	0.03%	0.004%
70	10.167	2819	2823	2828	rBV4	2095	2099	0.13%	0.017%
71	10.225	2836	2841	2842	rBV	691	496	0.03%	0.004%

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72	10.276	2853	2857	2858	rBV	695	493	0.03%	0.004%
73	10.427	2888	2904	2933	rVV	517998	835837	52.79%	6.605%
74	10.601	2950	2958	2971	rBV4	5682	9143	0.58%	0.072%
75	10.819	3019	3026	3028	rBV2	702	802	0.05%	0.006%
76	10.893	3046	3049	3054	rBV3	599	627	0.04%	0.005%
77	11.138	3122	3125	3131	rVB4	1022	1014	0.06%	0.008%
78	11.418	3207	3212	3220	rVV4	3884	5376	0.34%	0.042%
79	11.482	3220	3232	3257	rVV	615168	1037626	65.53%	8.199%
80	11.858	3336	3349	3375	rBV	621607	1073149	67.77%	8.480%
81	12.141	3433	3437	3443	rBV5	1227	1348	0.09%	0.011%
82	12.231	3462	3465	3470	rVB3	1341	954	0.06%	0.008%
83	12.266	3473	3476	3478	rBV	874	567	0.04%	0.004%
84	12.601	3575	3580	3582	rBV	887	829	0.05%	0.007%
85	12.652	3591	3596	3598	rBV4	897	769	0.05%	0.006%
86	12.733	3617	3621	3627	rBV4	928	1166	0.07%	0.009%
87	12.897	3668	3672	3684	rVB6	3935	5284	0.33%	0.042%
88	13.311	3799	3801	3805	rVV	678	567	0.04%	0.004%
89	13.414	3830	3833	3837	rBV3	720	747	0.05%	0.006%
90	13.450	3840	3844	3846	rBV2	1020	671	0.04%	0.005%
91	13.491	3854	3857	3858	rBV2	827	489	0.03%	0.004%
92	13.517	3858	3865	3870	rVV9	2929	4397	0.28%	0.035%
93	13.597	3887	3890	3892	rBV2	1071	526	0.03%	0.004%
94	13.646	3902	3905	3910	rBV4	995	788	0.05%	0.006%
95	13.761	3933	3941	3943	rBV6	5068	5777	0.36%	0.046%
96	13.993	4005	4013	4019	rBV10	5416	9627	0.61%	0.076%
97	14.141	4056	4059	4063	rVB2	850	487	0.03%	0.004%
98	14.765	4248	4253	4256	rVB4	1164	941	0.06%	0.007%
99	14.916	4297	4300	4304	rBV3	1000	804	0.05%	0.006%
100	15.520	4485	4488	4490	rBV3	1353	912	0.06%	0.007%

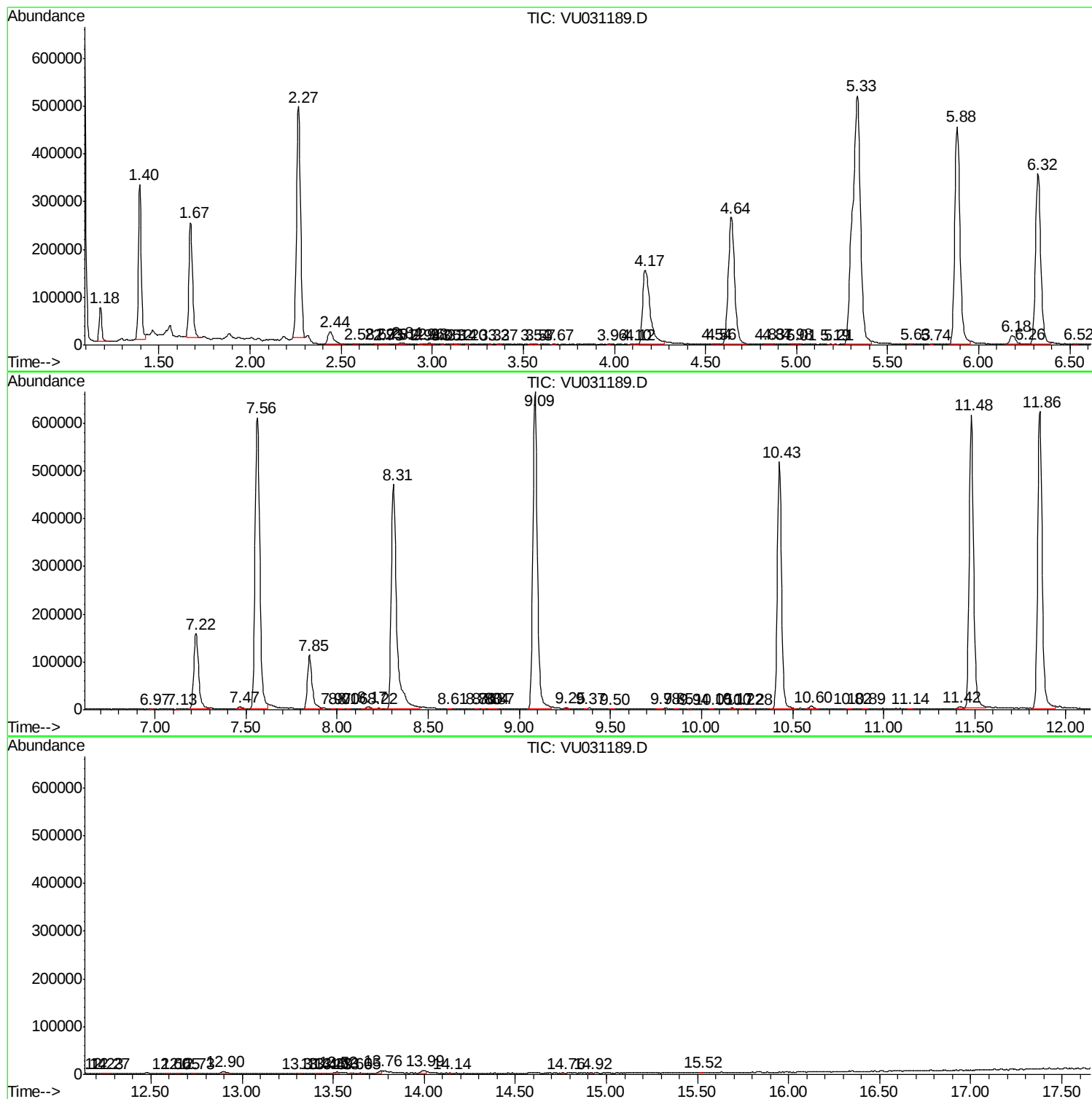
Sum of corrected areas: 12655030

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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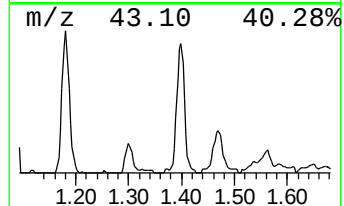
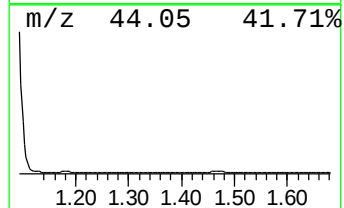
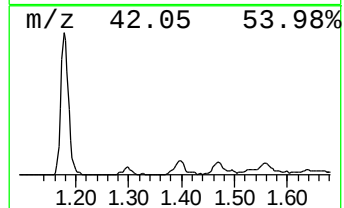
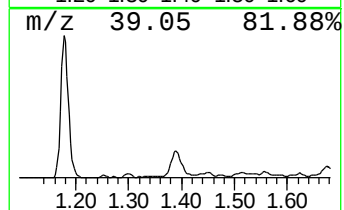
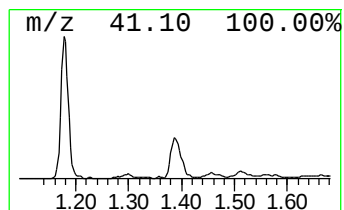
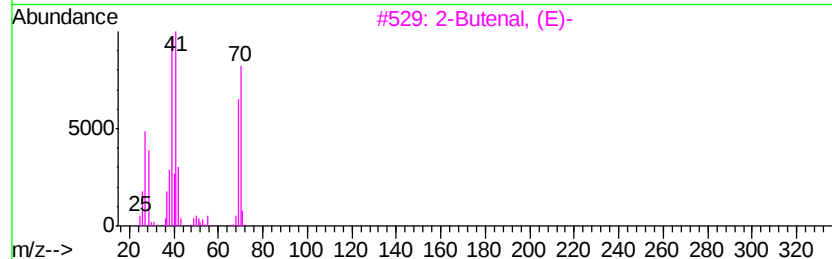
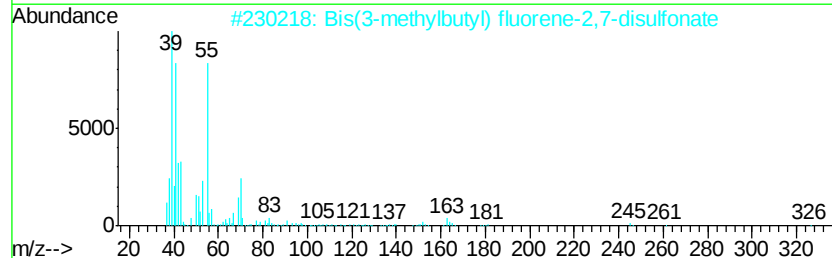
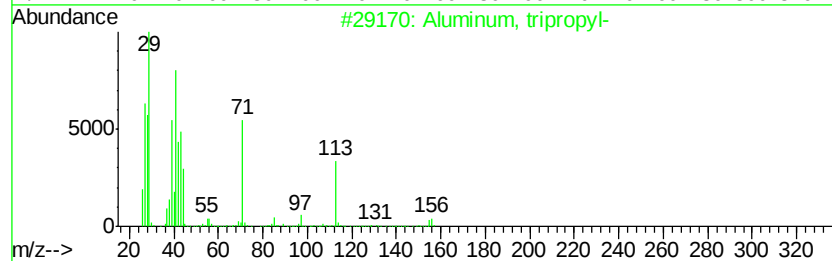
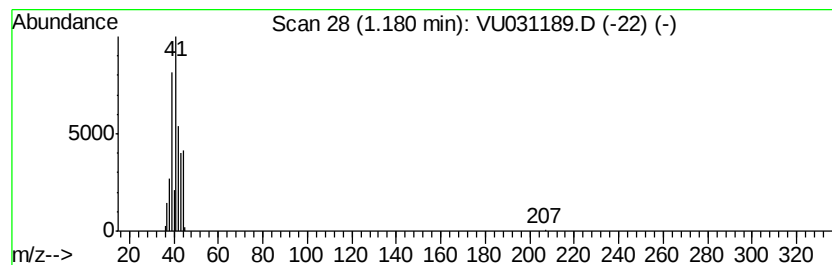
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Aluminum, tripropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	3.94 ug/L	72816	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	83
2		Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	78
3		2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4		3-Butenoic acid	86	C4H6O2	000625-38-7	78
5		Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64



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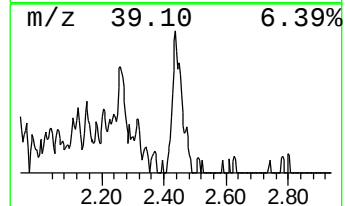
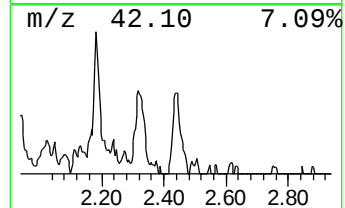
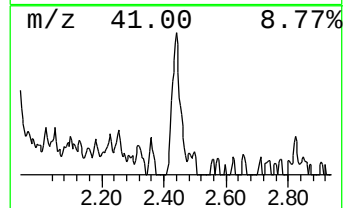
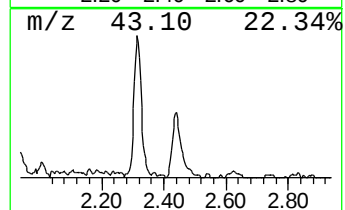
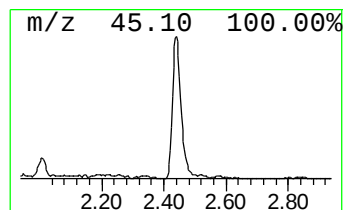
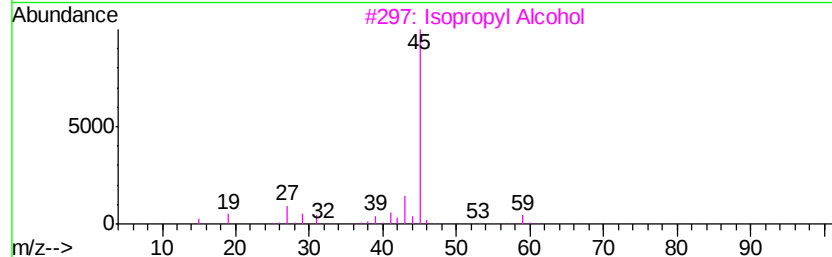
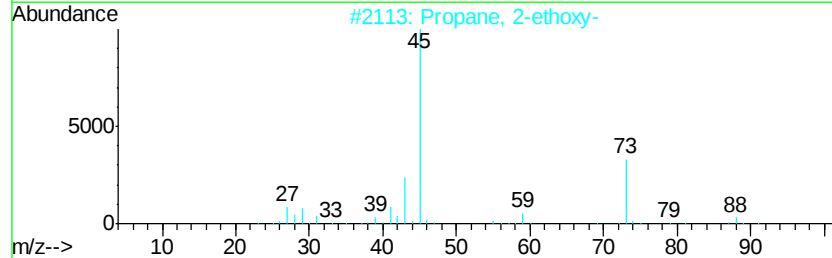
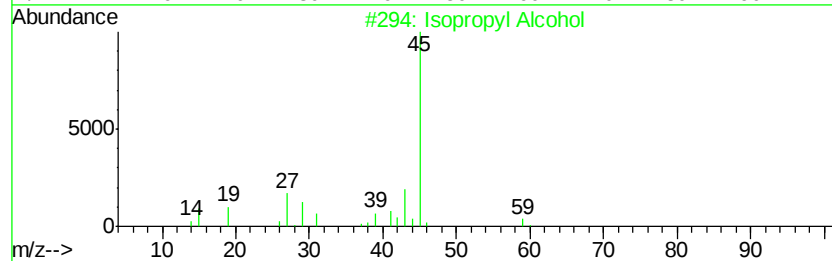
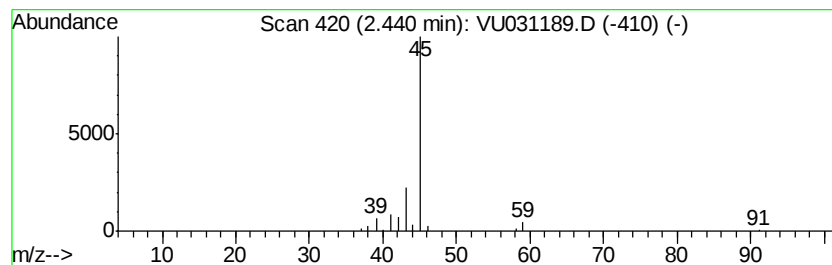
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Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.11 ug/L	57487	1,4-Difluorobenzene	5.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74	
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64	
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	43	
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	43	
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Aluminum, tripropyl-	1.18	3.9	ug/L	72816	1	5.88	923749	50.0
Isopropyl Alcohol	2.44	3.1	ug/L	57487	1	5.88	923749	50.0