

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031583.D
 Acq On : 29 Apr 2019 13:59
 Operator : JC/SP
 Sample : K2592-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG7

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\SOMULM042719WMA.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	1.180	22	28	35	rBV2	57856	57769	1.74%	0.231%
2	1.293	59	63	69	rVB	17277	15139	0.45%	0.061%
3	1.396	88	95	110	rBV	423854	458810	13.78%	1.838%
4	1.678	176	183	195	rBV	354986	441703	13.27%	1.770%
5	1.884	240	247	258	rVB	77445	106277	3.19%	0.426%
6	2.270	357	367	379	rBV	724541	1096905	32.96%	4.395%
7	2.338	381	388	410	rVB2	44626	100567	3.02%	0.403%
8	2.791	526	529	531	rBV3	1297	987	0.03%	0.004%
9	2.833	534	542	544	rBV7	4575	5729	0.17%	0.023%
10	2.974	583	586	591	rVB3	1712	1341	0.04%	0.005%
11	3.035	603	605	608	rBV2	996	577	0.02%	0.002%
12	3.067	613	615	622	rVB4	1328	1143	0.03%	0.005%
13	3.106	622	627	630	rBV3	1515	1489	0.04%	0.006%
14	3.141	636	638	641	rVB2	1126	668	0.02%	0.003%
15	3.196	652	655	660	rVB6	1590	1230	0.04%	0.005%
16	3.222	660	663	664	rBV2	922	542	0.02%	0.002%
17	3.270	674	678	680	rBV2	1261	956	0.03%	0.004%
18	3.289	681	684	685	rBV2	797	500	0.02%	0.002%
19	3.318	690	693	695	rVV3	1120	725	0.02%	0.003%
20	3.344	698	701	704	rVB2	774	518	0.02%	0.002%
21	3.437	727	730	733	rVV3	1030	540	0.02%	0.002%
22	3.469	737	740	742	rBV3	861	568	0.02%	0.002%
23	3.505	747	751	755	rBV3	1427	1150	0.03%	0.005%
24	3.534	756	760	765	rBV4	926	829	0.02%	0.003%
25	3.669	798	802	803	rBV2	804	596	0.02%	0.002%
26	3.694	808	810	812	rVV2	1055	581	0.02%	0.002%
27	3.756	825	829	832	rBV	970	930	0.03%	0.004%
28	3.903	873	875	882	rVV5	1498	1384	0.04%	0.006%
29	3.932	882	884	889	rVB2	1182	780	0.02%	0.003%
30	4.183	950	962	993	rBV	312970	969881	29.14%	3.886%
31	4.389	1019	1026	1052	rVB2	40002	102060	3.07%	0.409%
32	4.643	1089	1105	1128	rBV	536774	1280514	38.47%	5.131%
33	4.878	1175	1178	1180	rBV4	1392	761	0.02%	0.003%
34	5.064	1232	1236	1239	rVB3	1438	1185	0.04%	0.005%

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 Title : VOC Analysis

35	5.116	1246	1252	1253	rBV3	1465	1277	0.04%	0.005%
36	5.199	1275	1278	1280	rBV3	902	514	0.02%	0.002%
37	5.218	1281	1284	1290	rVB6	1263	1240	0.04%	0.005%
38	5.334	1295	1320	1362	rBV2	1078643	3328347	100.00%	13.336%
39	5.784	1457	1460	1466	rVB5	1756	1304	0.04%	0.005%
40	5.884	1476	1491	1538	rBV	828954	1784399	53.61%	7.150%
41	6.186	1573	1585	1599	rBV6	52748	115251	3.46%	0.462%
42	6.325	1614	1628	1662	rBV	733435	1529337	45.95%	6.128%
43	6.582	1704	1708	1711	rBV3	1887	1466	0.04%	0.006%
44	6.633	1719	1724	1726	rBV4	1510	1282	0.04%	0.005%
45	6.688	1738	1741	1746	rVB5	987	896	0.03%	0.004%
46	6.743	1755	1758	1762	rVB3	1298	805	0.02%	0.003%
47	6.781	1768	1770	1774	rBV2	640	502	0.02%	0.002%
48	6.829	1779	1785	1788	rBV5	1590	1589	0.05%	0.006%
49	6.890	1798	1804	1805	rBV3	952	771	0.02%	0.003%
50	6.903	1805	1808	1810	rVB3	1128	647	0.02%	0.003%
51	6.929	1810	1816	1819	rBV7	1316	1540	0.05%	0.006%
52	6.993	1833	1836	1841	rVB7	1165	902	0.03%	0.004%
53	7.032	1841	1848	1852	rBV6	1283	1767	0.05%	0.007%
54	7.132	1875	1879	1885	rBV3	1046	1375	0.04%	0.006%
55	7.225	1896	1908	1935	rBV	367406	708297	21.28%	2.838%
56	7.418	1965	1968	1971	rBV4	1872	1441	0.04%	0.006%
57	7.562	1998	2013	2050	rBV	1274072	2393466	71.91%	9.590%
58	7.849	2090	2102	2125	rBV	245960	468189	14.07%	1.876%
59	8.074	2170	2172	2174	rBV3	1292	666	0.02%	0.003%
60	8.106	2179	2182	2186	rVB3	1478	1182	0.04%	0.005%
61	8.173	2192	2203	2209	rBV3	18724	33684	1.01%	0.135%
62	8.225	2209	2219	2235	rVB2	172964	297900	8.95%	1.194%
63	8.308	2235	2245	2284	rBV	1041013	2025565	60.86%	8.116%
64	8.733	2374	2377	2380	rVB3	1484	904	0.03%	0.004%
65	8.752	2380	2383	2384	rBV2	1162	516	0.02%	0.002%
66	8.775	2388	2390	2394	rVB	1427	827	0.02%	0.003%
67	8.800	2395	2398	2402	rBV5	1023	817	0.02%	0.003%
68	9.087	2474	2487	2531	rBV	1247486	2215027	66.55%	8.875%
69	9.331	2558	2563	2570	rVB10	2385	3047	0.09%	0.012%
70	9.376	2575	2577	2580	rVB2	1057	579	0.02%	0.002%
71	9.463	2599	2604	2609	rBV7	2613	3359	0.10%	0.013%

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72	9.517	2618	2621	2623	rBV2	760	522	0.02%	0.002%
73	9.575	2635	2639	2640	rBV2	1984	1386	0.04%	0.006%
74	9.649	2659	2662	2664	rVB2	1013	584	0.02%	0.002%
75	9.685	2668	2673	2678	rVB6	1348	1348	0.04%	0.005%
76	9.733	2684	2688	2693	rVB5	762	744	0.02%	0.003%
77	9.755	2693	2695	2699	rVB2	1676	1041	0.03%	0.004%
78	9.787	2699	2705	2707	rBV3	1921	1834	0.06%	0.007%
79	9.829	2714	2718	2719	rBV	885	620	0.02%	0.002%
80	9.897	2736	2739	2743	rBV4	983	841	0.03%	0.003%
81	9.935	2747	2751	2756	rVV5	859	992	0.03%	0.004%
82	10.035	2776	2782	2788	rBV6	1614	2017	0.06%	0.008%
83	10.103	2800	2803	2807	rBV2	1601	1327	0.04%	0.005%
84	10.141	2811	2815	2819	rBV5	1000	849	0.03%	0.003%
85	10.164	2819	2822	2823	rBV2	1294	792	0.02%	0.003%
86	10.215	2832	2838	2849	rBV7	3442	6477	0.19%	0.026%
87	10.427	2889	2904	2926	rBV	965256	1568177	47.12%	6.283%
88	10.549	2939	2942	2944	rBV3	1393	847	0.03%	0.003%
89	10.604	2950	2959	2972	rVB3	20450	34068	1.02%	0.137%
90	10.877	3040	3044	3048	rBV4	1758	1656	0.05%	0.007%
91	11.051	3095	3098	3100	rBV3	977	515	0.02%	0.002%
92	11.315	3176	3180	3182	rBV2	2452	1652	0.05%	0.007%
93	11.331	3182	3185	3193	rVB6	2974	3439	0.10%	0.014%
94	11.366	3193	3196	3200	rBV3	1085	1089	0.03%	0.004%
95	11.402	3202	3207	3213	rBV4	1726	2191	0.07%	0.009%
96	11.479	3219	3231	3254	rBV	1019920	1701395	51.12%	6.817%
97	11.749	3306	3315	3329	rBV4	58884	127848	3.84%	0.512%
98	11.855	3337	3348	3373	rVB	1128269	1905980	57.27%	7.637%
99	12.910	3674	3676	3678	rBV3	1780	1017	0.03%	0.004%
100	13.967	4003	4005	4007	rBV2	1420	850	0.03%	0.003%

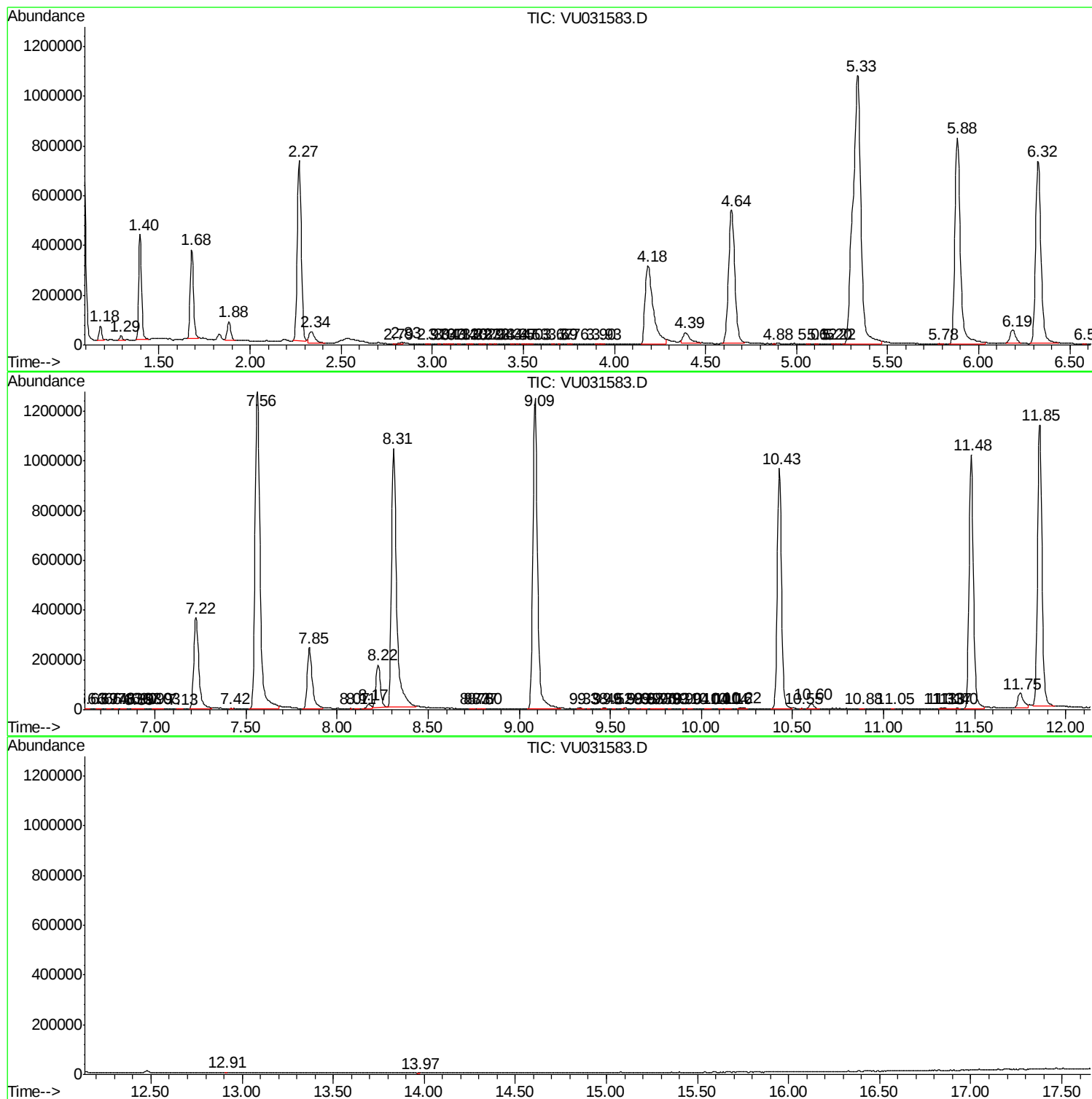
Sum of corrected areas: 24958109

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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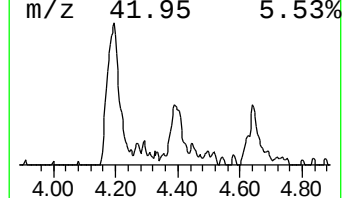
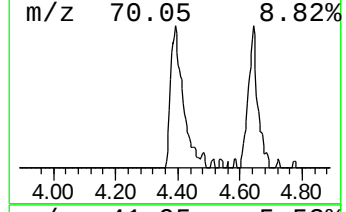
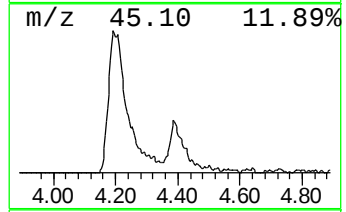
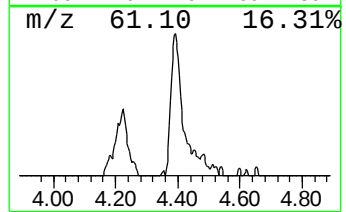
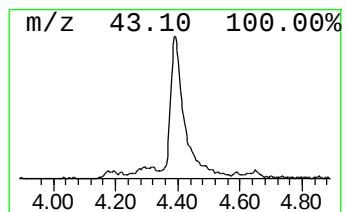
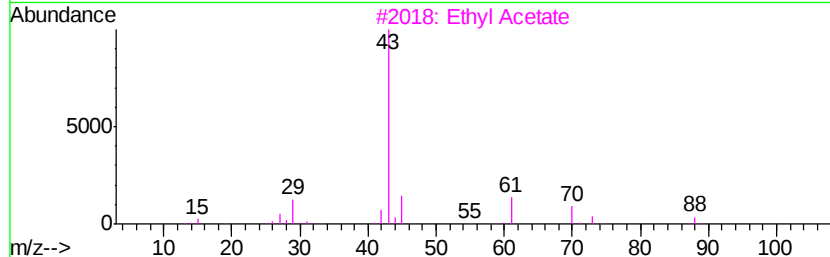
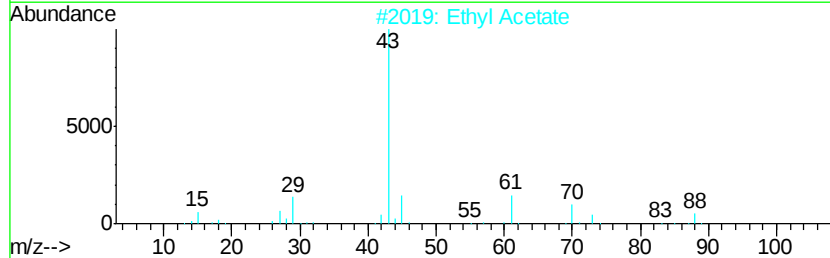
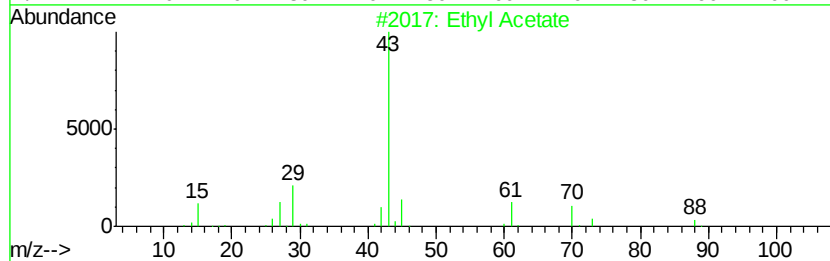
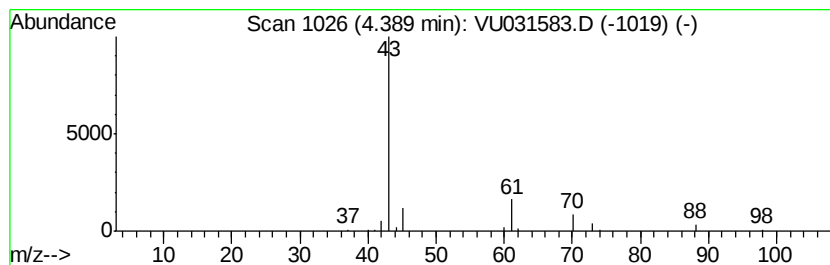
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.86 ug/L	102060	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	72
2			Ethyl Acetate	88	C4H8O2	000141-78-6	72
3			Ethyl Acetate	88	C4H8O2	000141-78-6	59
4			Ethyl Acetate	88	C4H8O2	000141-78-6	42
5			(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9



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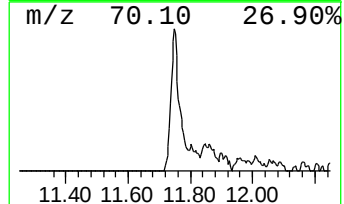
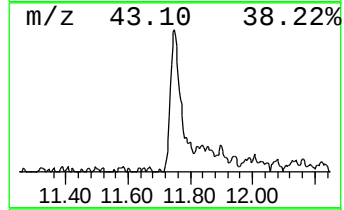
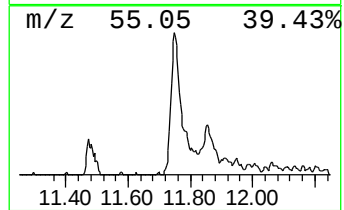
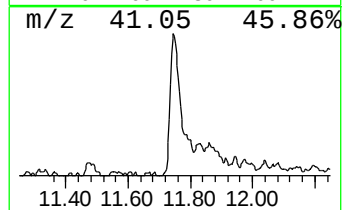
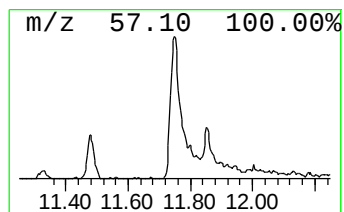
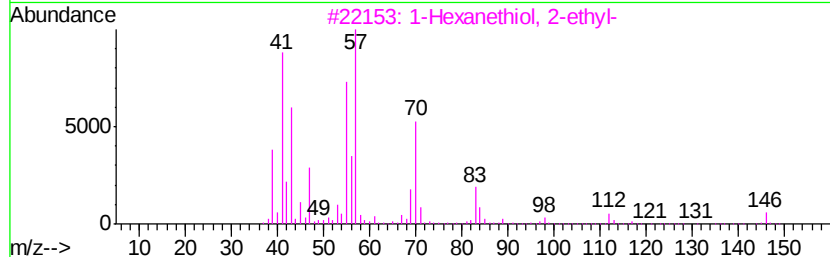
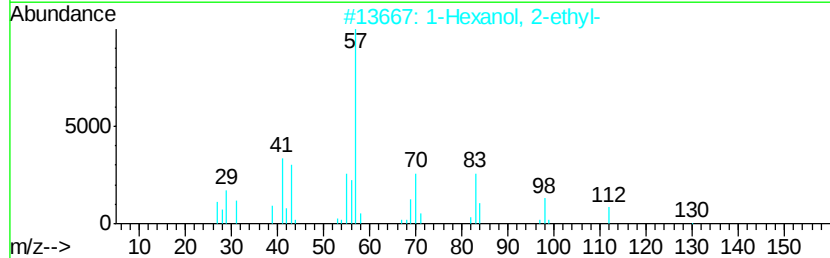
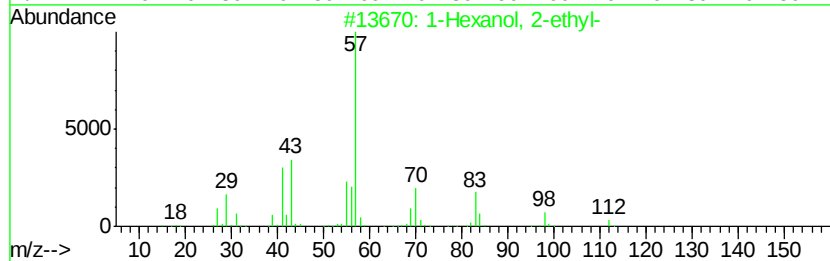
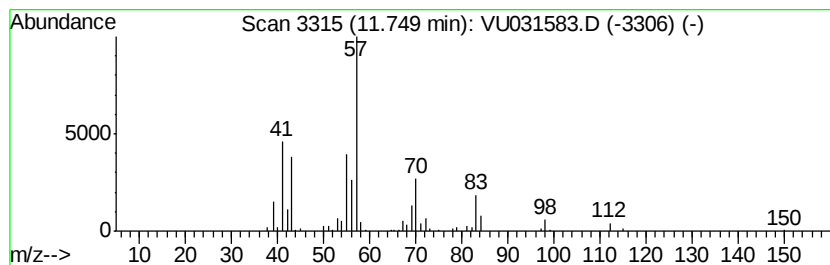
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	3.76 ug/L	127848	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	4.39	2.9	ug/L	102060	1	5.88	1784400	50.0
1-Hexanol, 2-ethyl-	11.75	3.8	ug/L	127848	3	11.48	1701400	50.0