

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080119\
 Data File : VW011603.D
 Acq On : 01 Aug 2019 16:42
 Operator : SY/VA
 Sample : K4116-01
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLLD0

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_W\METHOD\SOM2WLM073019S.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	2.154	37	41	43	rBV2	3751	5490	0.33%	0.043%
2	2.349	67	73	87	rVB	112353	199310	12.11%	1.557%
3	2.885	154	161	177	rVB	71871	175579	10.66%	1.372%
4	3.501	260	262	263	rBV	816	595	0.04%	0.005%
5	3.526	264	266	273	rVB3	1365	2364	0.14%	0.018%
6	3.788	306	309	310	rVB2	507	414	0.03%	0.003%
7	3.861	314	321	329	rBV5	2926	8480	0.52%	0.066%
8	3.940	333	334	335	rBV	766	479	0.03%	0.004%
9	4.019	335	347	360	rBV	175020	568049	34.50%	4.438%
10	4.349	400	401	402	rVV	669	459	0.03%	0.004%
11	4.391	402	408	416	rVB2	2261	6535	0.40%	0.051%
12	4.525	428	430	433	rVB4	429	448	0.03%	0.004%
13	4.617	442	445	446	rBV3	471	550	0.03%	0.004%
14	4.678	448	455	463	rVV3	2151	5778	0.35%	0.045%
15	4.915	483	494	506	rBV2	11828	43984	2.67%	0.344%
16	5.031	512	513	517	rVB3	586	461	0.03%	0.004%
17	5.153	521	533	537	rBV9	1334	5480	0.33%	0.043%
18	5.275	550	553	557	rVB4	578	827	0.05%	0.006%
19	5.361	562	567	568	rBV2	368	502	0.03%	0.004%
20	5.409	573	575	576	rBV	776	590	0.04%	0.005%
21	5.543	594	597	601	rBV4	372	659	0.04%	0.005%
22	5.739	622	629	630	rBV2	1256	2185	0.13%	0.017%
23	5.848	643	647	649	rBV2	355	520	0.03%	0.004%
24	5.940	652	662	675	rVB5	5923	18494	1.12%	0.144%
25	6.147	695	696	701	rVB2	541	556	0.03%	0.004%
26	6.226	707	709	711	rBV3	507	420	0.03%	0.003%
27	6.318	720	724	727	rVB3	475	584	0.04%	0.005%
28	6.409	737	739	742	rBV	376	465	0.03%	0.004%
29	6.586	764	768	770	rBV2	516	523	0.03%	0.004%
30	6.641	774	777	779	rBV2	447	409	0.02%	0.003%
31	6.769	795	798	801	rBV4	465	606	0.04%	0.005%
32	6.824	804	807	810	rVB4	333	406	0.02%	0.003%
33	6.872	814	815	816	rBV	551	403	0.02%	0.003%
34	6.915	819	822	823	rBV3	742	721	0.04%	0.006%

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 Title : VOC Analysis

35	7.074	839	848	853	rBV	64381	172659	10.49%	1.349%
36	7.250	868	877	895	rVB	340838	832889	50.59%	6.507%
37	7.647	932	942	955	rVB	265838	645382	39.20%	5.042%
38	7.848	973	975	977	rVB3	474	398	0.02%	0.003%
39	7.897	981	983	985	rVB4	495	489	0.03%	0.004%
40	7.927	985	988	989	rBV2	558	499	0.03%	0.004%
41	7.945	989	991	994	rVV2	437	628	0.04%	0.005%
42	8.159	1024	1026	1028	rBV	419	383	0.02%	0.003%
43	8.275	1032	1045	1061	rBV2	556242	1646414	100.00%	12.863%
44	8.579	1093	1095	1097	rVB3	904	802	0.05%	0.006%
45	8.616	1097	1101	1102	rBV3	1053	1239	0.08%	0.010%
46	8.842	1127	1138	1149	rBV	530734	1047001	63.59%	8.180%
47	9.031	1166	1169	1171	rBV3	855	1167	0.07%	0.009%
48	9.073	1171	1176	1183	rVB6	1691	3801	0.23%	0.030%
49	9.159	1189	1190	1193	rBV	631	838	0.05%	0.007%
50	9.274	1200	1209	1220	rBV	384300	779296	47.33%	6.089%
51	9.512	1246	1248	1250	rVB3	430	437	0.03%	0.003%
52	9.567	1254	1257	1258	rBV2	625	499	0.03%	0.004%
53	9.598	1258	1262	1266	rVV4	1101	1550	0.09%	0.012%
54	9.659	1266	1272	1282	rVV3	2980	6537	0.40%	0.051%
55	9.762	1285	1289	1293	rVB4	957	1519	0.09%	0.012%
56	9.890	1305	1310	1319	rVB6	2810	5979	0.36%	0.047%
57	10.037	1321	1334	1343	rBV	205731	373466	22.68%	2.918%
58	10.213	1358	1363	1365	rBV4	2002	3081	0.19%	0.024%
59	10.250	1367	1369	1372	rVB3	1964	2107	0.13%	0.016%
60	10.323	1373	1381	1389	rBV	745709	1296288	78.73%	10.128%
61	10.506	1410	1411	1414	rVB3	754	570	0.03%	0.004%
62	10.579	1415	1423	1431	rVV	135785	234481	14.24%	1.832%
63	10.701	1437	1443	1451	rBV	33721	62229	3.78%	0.486%
64	10.841	1462	1466	1472	rBV5	1921	2913	0.18%	0.023%
65	10.921	1472	1479	1490	rBV	233120	407410	24.75%	3.183%
66	11.061	1496	1502	1509	rBV2	29116	49389	3.00%	0.386%
67	11.177	1513	1521	1528	rVB3	5043	9302	0.56%	0.073%
68	11.408	1552	1559	1560	rBV6	1760	2829	0.17%	0.022%
69	11.439	1560	1564	1570	rVB2	7777	13455	0.82%	0.105%
70	11.634	1588	1596	1605	rBV	695279	1212908	73.67%	9.476%
71	11.792	1620	1622	1625	rBV3	561	688	0.04%	0.005%

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72	11.987	1652	1654	1655	rVB2	605	399	0.02%	0.003%
73	12.158	1678	1682	1690	rVB2	4461	8420	0.51%	0.066%
74	12.353	1710	1714	1719	rVB3	1016	1783	0.11%	0.014%
75	12.469	1730	1733	1741	rVB5	2232	3197	0.19%	0.025%
76	12.548	1744	1746	1747	rBV2	441	383	0.02%	0.003%
77	12.609	1747	1756	1762	rVB	32228	53702	3.26%	0.420%
78	12.695	1762	1770	1777	rBV	293032	476519	28.94%	3.723%
79	12.890	1795	1802	1806	rBV	18658	32341	1.96%	0.253%
80	12.932	1806	1809	1817	rVV2	12908	22057	1.34%	0.172%
81	13.036	1822	1826	1830	rVV4	1938	3544	0.22%	0.028%
82	13.079	1830	1833	1839	rVV5	2189	3125	0.19%	0.024%
83	13.194	1849	1852	1856	rBV4	2158	2806	0.17%	0.022%
84	13.292	1864	1868	1875	rVB6	4519	8967	0.54%	0.070%
85	13.408	1880	1887	1892	rBV3	5971	10762	0.65%	0.084%
86	13.560	1905	1912	1919	rBV	689575	1111846	67.53%	8.687%
87	13.652	1922	1927	1934	rVB	35031	57871	3.51%	0.452%
88	13.761	1941	1945	1948	rBV4	4730	6968	0.42%	0.054%
89	13.853	1953	1960	1967	rBV	629975	1013684	61.57%	7.920%
90	14.036	1987	1990	1992	rBV2	5358	6988	0.42%	0.055%
91	14.072	1992	1996	2002	rVB2	13148	21932	1.33%	0.171%
92	14.335	2035	2039	2041	rBV4	4407	6610	0.40%	0.052%
93	15.365	2206	2208	2210	rBV3	1208	687	0.04%	0.005%
94	15.438	2212	2220	2225	rVV2	26896	46211	2.81%	0.361%
95	15.499	2225	2230	2237	rVB	11199	19797	1.20%	0.155%
96	15.694	2261	2262	2265	rVB3	1546	1316	0.08%	0.010%
97	16.017	2313	2315	2316	rBV	881	588	0.04%	0.005%
98	16.340	2366	2368	2369	rBV2	530	533	0.03%	0.004%
99	16.535	2399	2400	2403	rBV2	838	694	0.04%	0.005%
100	16.773	2437	2439	2441	rVB3	1113	688	0.04%	0.005%

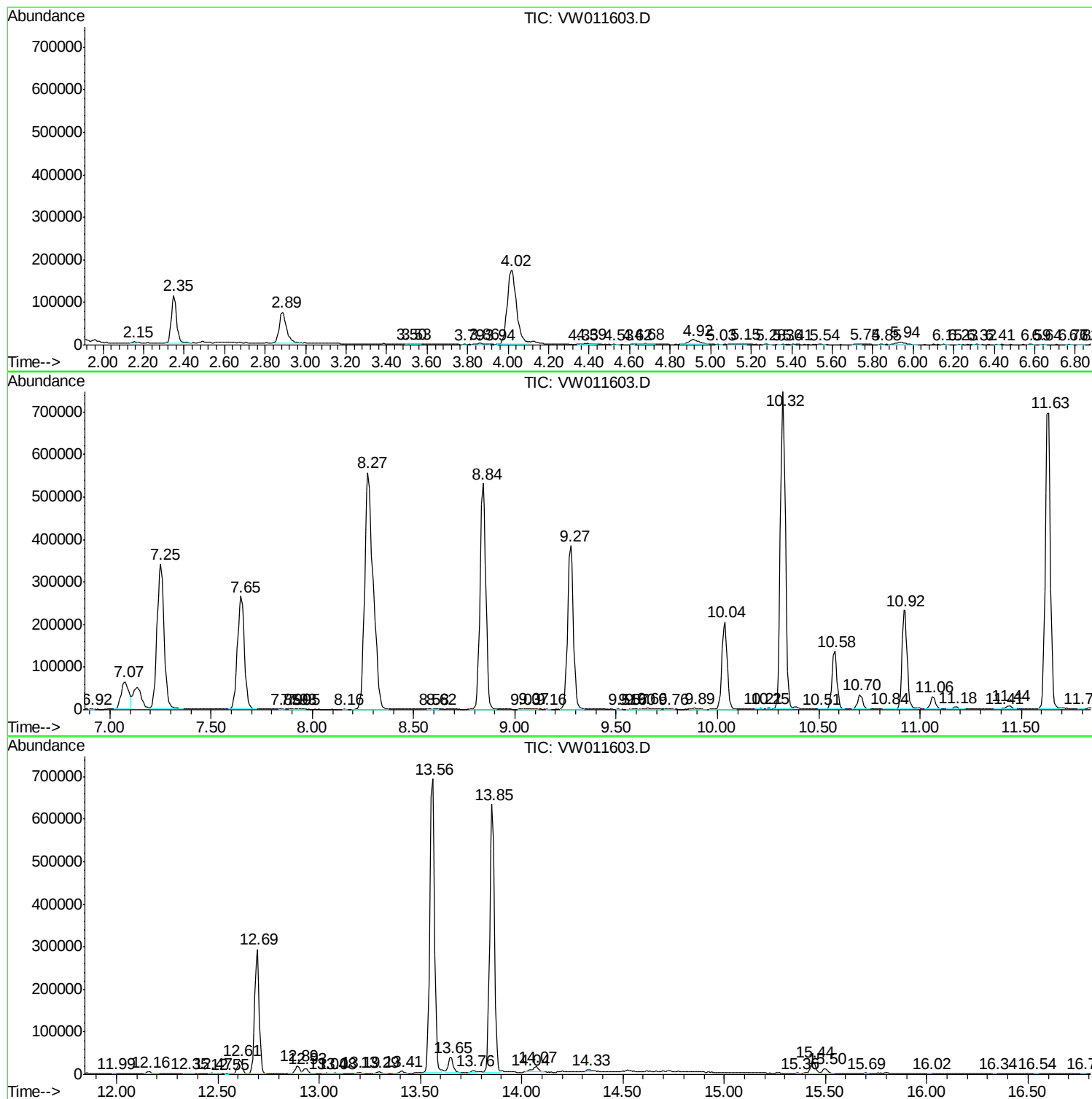
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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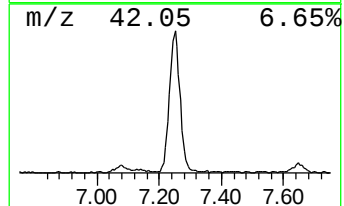
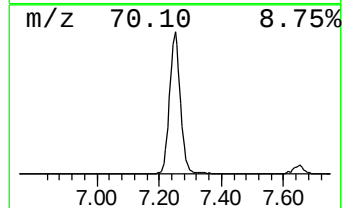
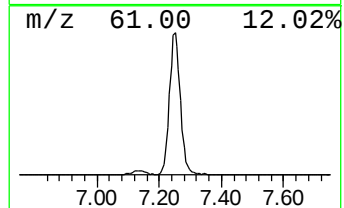
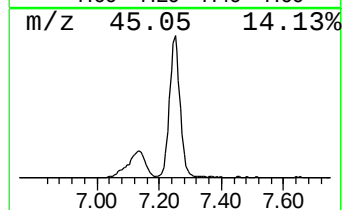
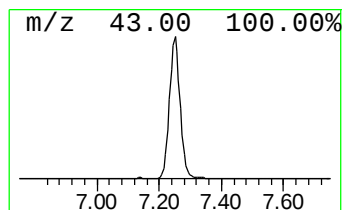
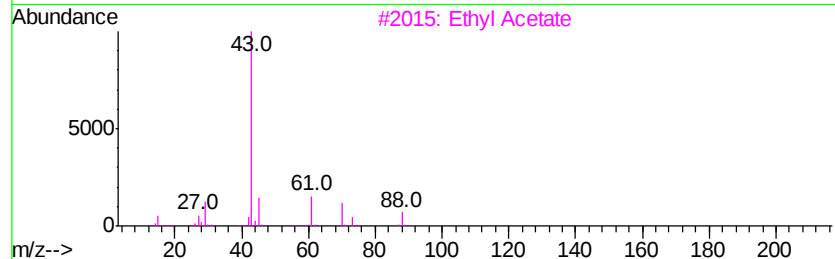
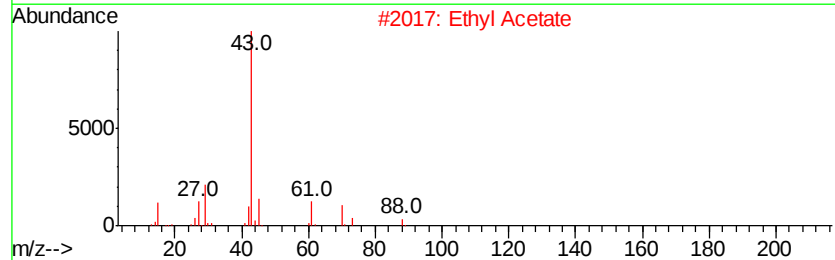
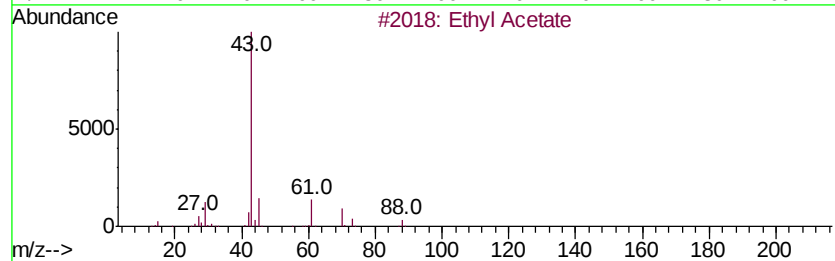
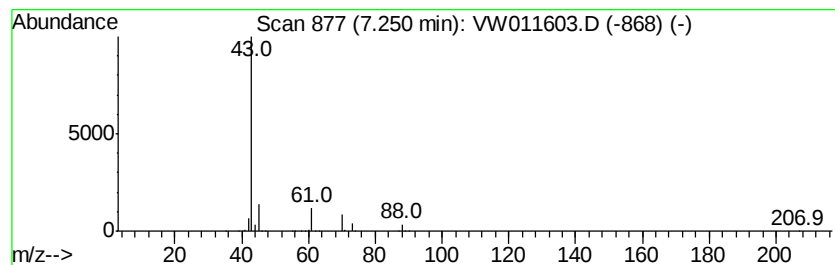
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	19.89 ug/L	832889	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2		Ethyl Acetate	88	C4H8O2	000141-78-6	64
3		Ethyl Acetate	88	C4H8O2	000141-78-6	59
4		Ethyl Acetate	88	C4H8O2	000141-78-6	59
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36



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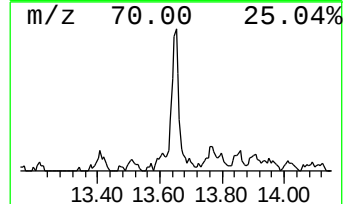
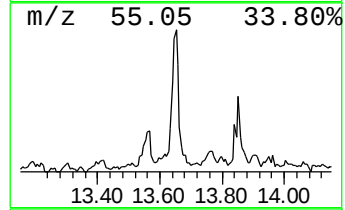
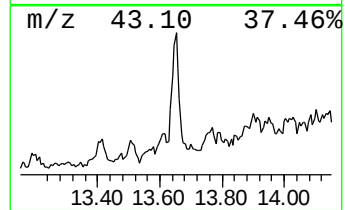
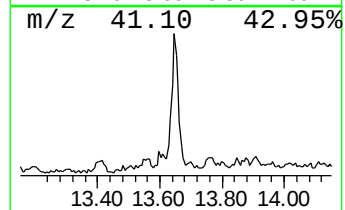
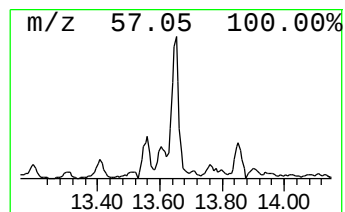
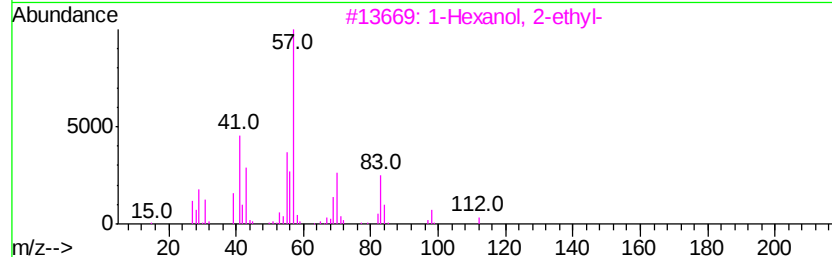
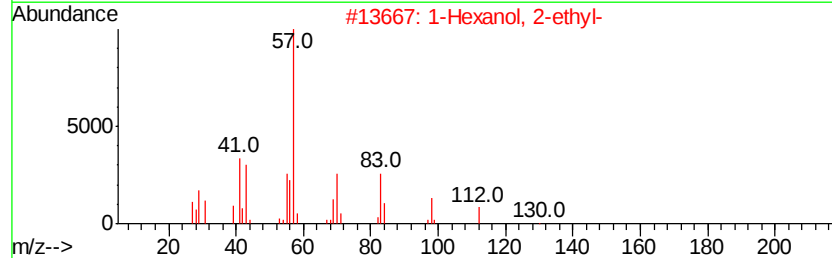
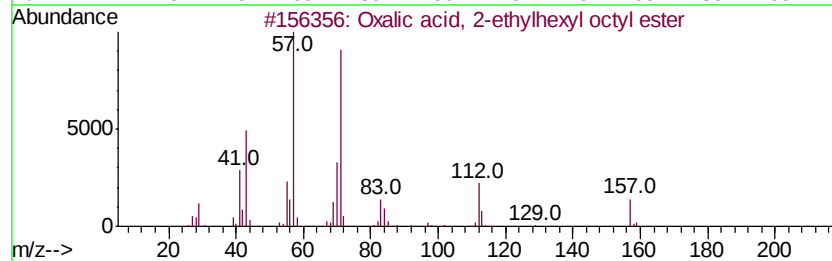
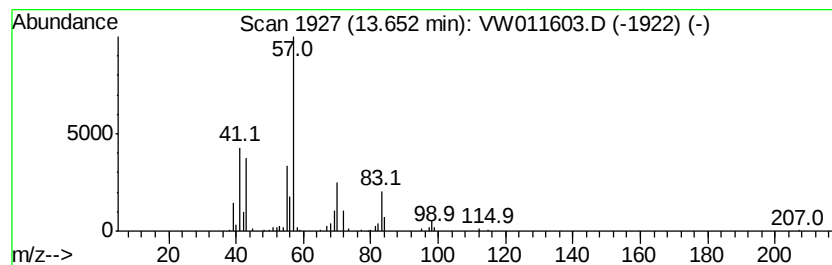
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Quant Title : VOC Analysis

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

Peak Number 4 Oxalic acid, 2-ethylhexyl o... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.30 ug/L	57871	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	7.25	19.9	ug/L	832889	1	8.84	1047000	25.0
Oxalic acid, 2-et...	13.65	1.3	ug/L	57871	3	13.56	1111850	25.0