

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036161.D
 Acq On : 20 Jun 2024 14:00
 Operator : SY/MD
 Sample : P2909-21
 Misc : 4.78g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B45

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	92	rVB	220921	236561	18.36%	2.853%
2	1.526	145	151	166	rVB	188786	227162	17.63%	2.740%
3	2.047	305	313	335	rVB	385534	565081	43.85%	6.815%
4	2.439	426	435	452	rVB	54352	92714	7.19%	1.118%
5	2.812	549	551	557	rVB2	367	323	0.03%	0.004%
6	2.847	557	562	564	rBV4	490	467	0.04%	0.006%
7	2.905	578	580	581	rVV2	341	118	0.01%	0.001%
8	2.960	584	597	621	rVB3	17655	39714	3.08%	0.479%
9	3.182	664	666	671	rVB3	356	284	0.02%	0.003%
10	3.204	671	673	675	rBV	290	104	0.01%	0.001%
11	3.246	684	686	690	rVB2	220	119	0.01%	0.001%
12	3.301	698	703	711	rVB	370	409	0.03%	0.005%
13	3.355	717	720	722	rBV2	296	177	0.01%	0.002%
14	3.391	728	731	735	rBV2	185	141	0.01%	0.002%
15	3.452	749	750	752	rBV2	146	39	0.00%	0.000%
16	3.468	752	755	758	rVB2	207	144	0.01%	0.002%
17	3.526	768	773	776	rBV	298	292	0.02%	0.004%
18	3.564	783	785	788	rBV	210	147	0.01%	0.002%
19	3.606	793	798	799	rBV	282	197	0.02%	0.002%
20	3.648	806	811	812	rBV2	267	202	0.02%	0.002%
21	3.725	832	835	838	rBV	167	141	0.01%	0.002%
22	3.770	848	849	850	rBV	114	25	0.00%	0.000%
23	3.783	851	853	856	rBV2	322	185	0.01%	0.002%
24	3.851	862	874	878	rBV2	12538	22624	1.76%	0.273%
25	4.243	980	996	1031	rBV	224209	594205	46.11%	7.166%
26	4.568	1093	1097	1098	rBV2	1177	739	0.06%	0.009%
27	4.616	1110	1112	1116	rVB3	503	272	0.02%	0.003%
28	4.680	1130	1132	1134	rBV3	272	143	0.01%	0.002%
29	4.696	1135	1137	1139	rBV2	310	137	0.01%	0.002%
30	4.719	1141	1144	1147	rBV4	512	424	0.03%	0.005%
31	4.783	1158	1164	1167	rBV2	183	215	0.02%	0.003%
32	4.822	1172	1176	1179	rVB2	364	268	0.02%	0.003%
33	4.950	1201	1216	1253	rBV2	496847	1288667	100.00%	15.542%
34	5.529	1385	1396	1438	rBV	558103	1176841	91.32%	14.193%
35	5.985	1525	1538	1567	rBV	294208	624638	48.47%	7.534%
36	6.333	1643	1646	1649	rVB3	797	421	0.03%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	6.349	1649	1651	1655	rBV3	198	150	0.01%	0.002%
38	6.371	1655	1658	1659	rBV2	251	144	0.01%	0.002%
39	6.429	1674	1676	1678	rBV2	458	275	0.02%	0.003%
40	6.487	1691	1694	1697	rBV2	499	349	0.03%	0.004%
41	6.500	1697	1698	1704	rVB2	386	267	0.02%	0.003%
42	6.548	1710	1713	1714	rBV	209	105	0.01%	0.001%
43	6.555	1714	1715	1718	rVB	477	175	0.01%	0.002%
44	6.577	1720	1722	1724	rVB	161	45	0.00%	0.001%
45	6.587	1724	1725	1728	rVB	160	38	0.00%	0.000%
46	6.606	1728	1731	1733	rBV	583	317	0.02%	0.004%
47	6.641	1739	1742	1743	rBV	280	129	0.01%	0.002%
48	6.731	1768	1770	1772	rVB2	250	89	0.01%	0.001%
49	6.770	1778	1782	1783	rBV2	394	254	0.02%	0.003%
50	6.799	1787	1791	1793	rBV	321	237	0.02%	0.003%
51	6.863	1809	1811	1813	rVB	163	63	0.00%	0.001%
52	6.876	1813	1815	1817	rBV	405	226	0.02%	0.003%
53	6.911	1817	1826	1853	rBV	90037	184602	14.33%	2.226%
54	7.169	1904	1906	1908	rVB2	356	121	0.01%	0.001%
55	7.191	1909	1913	1917	rBV3	508	489	0.04%	0.006%
56	7.243	1917	1929	1954	rBV	438502	803547	62.35%	9.691%
57	7.555	2017	2026	2051	rBV2	55594	114842	8.91%	1.385%
58	7.879	2118	2127	2133	rBV3	6515	10528	0.82%	0.127%
59	8.037	2167	2176	2215	rBV4	57163	170798	13.25%	2.060%
60	8.445	2301	2303	2307	rVB3	469	241	0.02%	0.003%
61	8.461	2307	2308	2310	rBV	351	138	0.01%	0.002%
62	8.526	2326	2328	2330	rBV2	461	254	0.02%	0.003%
63	8.567	2339	2341	2346	rBV3	662	587	0.05%	0.007%
64	8.596	2346	2350	2352	rBV	632	504	0.04%	0.006%
65	8.651	2362	2367	2370	rBV2	503	491	0.04%	0.006%
66	8.696	2378	2381	2383	rBV	359	184	0.01%	0.002%
67	8.783	2397	2408	2442	rBV	608390	1023715	79.44%	12.347%
68	9.214	2539	2542	2544	rBV2	508	360	0.03%	0.004%
69	9.275	2560	2561	2565	rVB	359	163	0.01%	0.002%
70	9.326	2574	2577	2580	rBV3	406	236	0.02%	0.003%
71	9.397	2595	2599	2600	rBV2	395	265	0.02%	0.003%
72	9.407	2600	2602	2603	rVV	264	79	0.01%	0.001%
73	9.439	2611	2612	2614	rVB	315	72	0.01%	0.001%
74	9.461	2618	2619	2620	rBV	173	57	0.00%	0.001%
75	9.493	2623	2629	2640	rVV5	1114	1846	0.14%	0.022%
76	9.538	2641	2643	2646	rVB2	448	193	0.01%	0.002%

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Peak Location: TOP

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 Title : VOC Analysis

77	9.577	2651	2655	2659	rBV2	575	397	0.03%	0.005%
78	9.612	2663	2666	2667	rBV2	409	248	0.02%	0.003%
79	9.686	2687	2689	2691	rBV2	462	244	0.02%	0.003%
80	9.808	2723	2727	2728	rBV2	486	370	0.03%	0.004%
81	9.944	2767	2769	2771	rBV	369	208	0.02%	0.003%
82	10.062	2799	2806	2812	rBV5	2847	3925	0.30%	0.047%
83	10.153	2823	2834	2859	rBV	155648	252893	19.62%	3.050%
84	10.323	2878	2887	2902	rVB	27591	43704	3.39%	0.527%
85	10.397	2907	2910	2911	rBV	355	183	0.01%	0.002%
86	10.442	2921	2924	2925	rBV2	334	203	0.02%	0.002%
87	10.593	2969	2971	2976	rVB2	601	292	0.02%	0.004%
88	10.641	2984	2986	2988	rBV2	278	118	0.01%	0.001%
89	10.670	2992	2995	2999	rVB2	464	286	0.02%	0.003%
90	10.767	3018	3025	3036	rBV6	1681	2696	0.21%	0.033%
91	10.853	3041	3052	3065	rBV3	8264	14641	1.14%	0.177%
92	11.027	3104	3106	3109	rBV2	411	280	0.02%	0.003%
93	11.082	3114	3123	3132	rBV4	14368	23091	1.79%	0.278%
94	11.185	3145	3155	3172	rBV	266342	425875	33.05%	5.136%
95	11.490	3242	3250	3261	rBV4	12828	30552	2.37%	0.368%
96	11.561	3263	3272	3295	rVB	160961	276635	21.47%	3.336%
97	12.191	3462	3468	3483	rVB2	9492	15549	1.21%	0.188%
98	12.619	3595	3601	3609	rVB6	4426	6599	0.51%	0.080%
99	12.914	3690	3693	3698	rBV3	537	645	0.05%	0.008%
100	13.156	3766	3768	3771	rBV	516	314	0.02%	0.004%

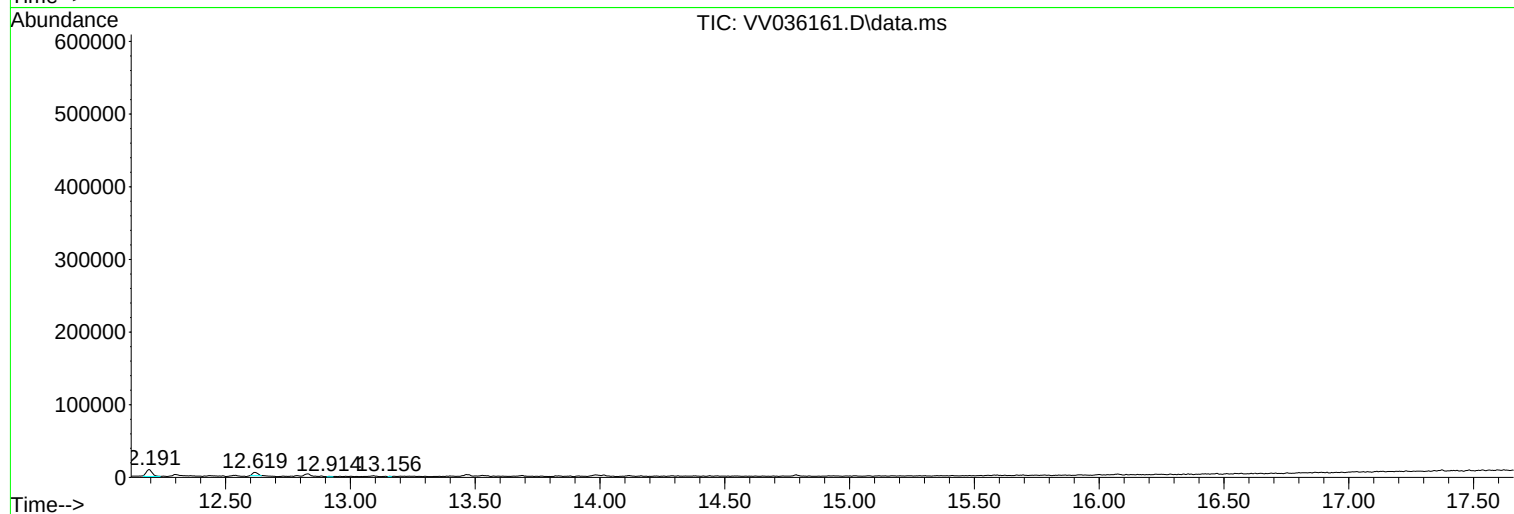
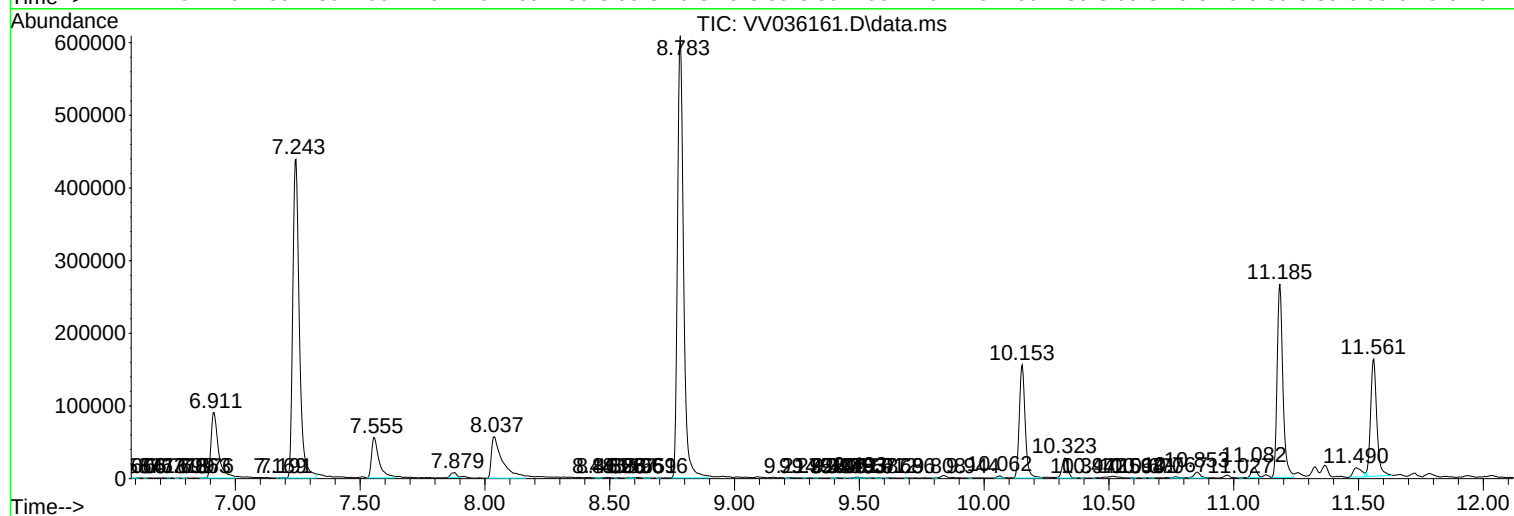
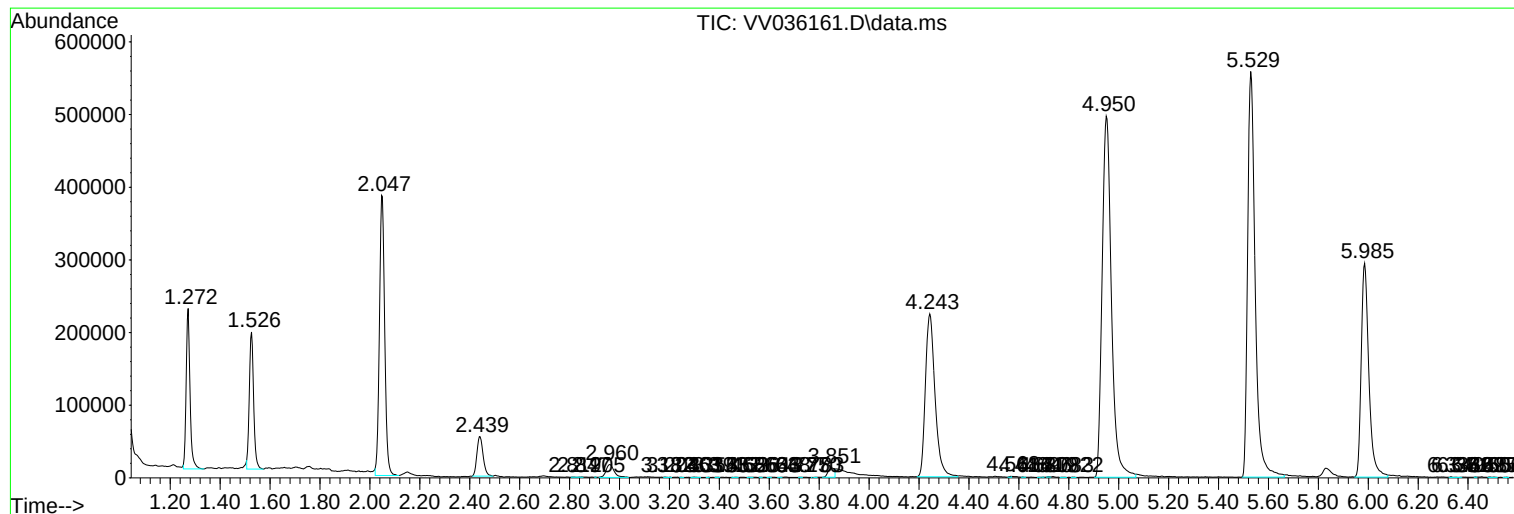
Sum of corrected areas: 8291463

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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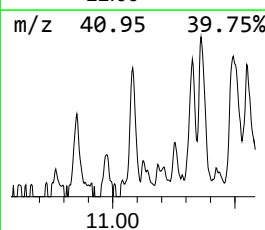
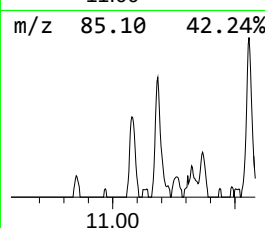
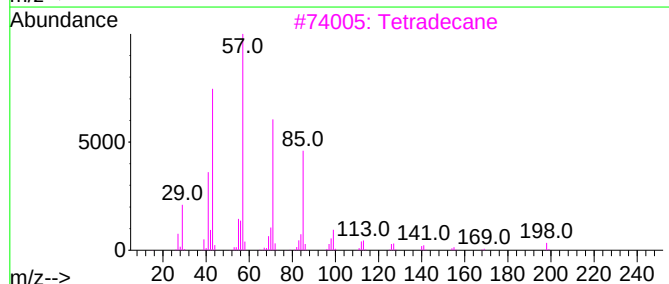
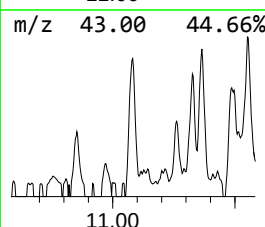
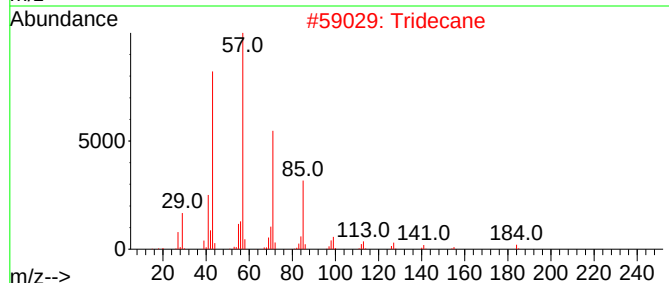
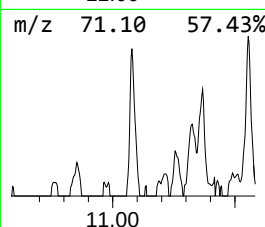
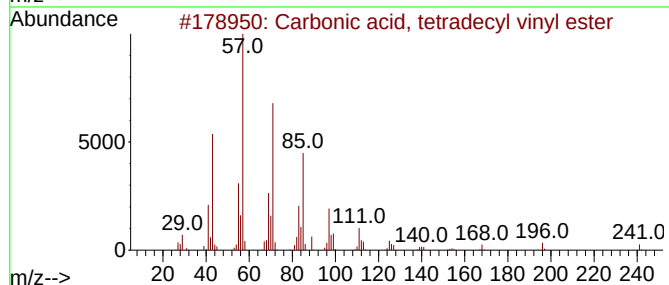
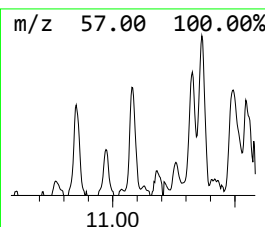
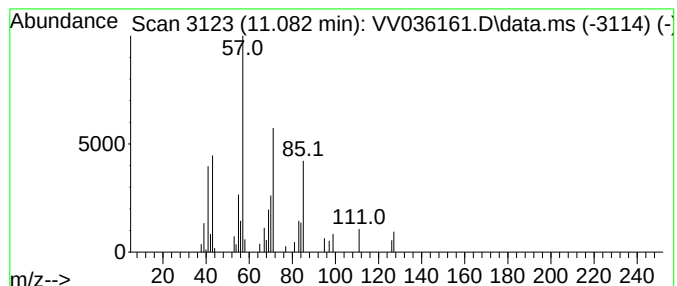
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Carbonic acid, tetradecyl v... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.36 ug/L	23091	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	64
2			Tridecane	184	C13H28	000629-50-5	64
3			Tetradecane	198	C14H30	000629-59-4	59
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	59



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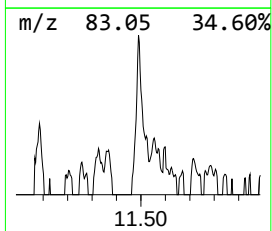
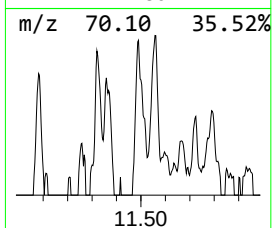
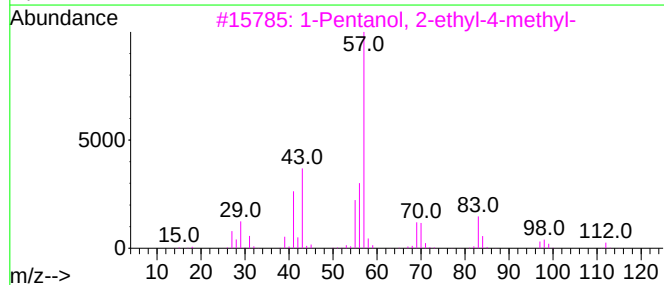
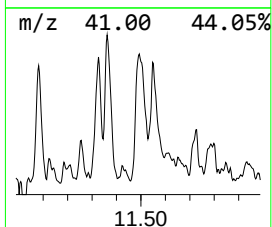
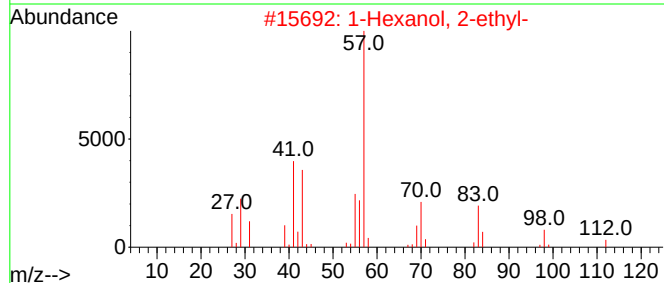
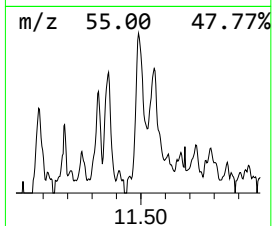
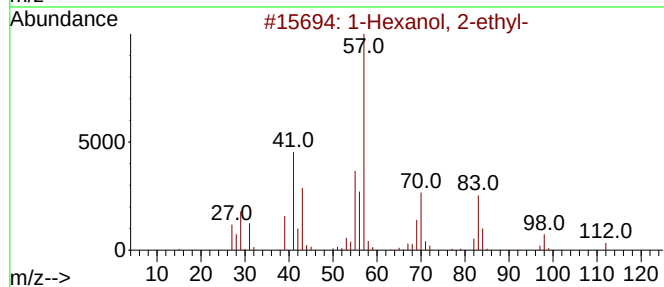
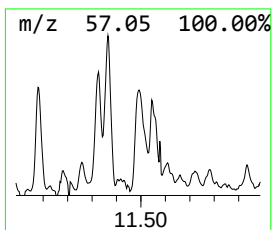
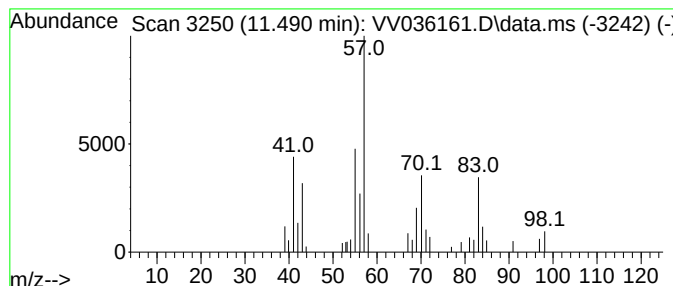
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	1.79 ug/L	30552	1,4-Dichlorobenzene-d4	11.185

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-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Carbonic acid, ...	11.082	1.4	ug/L	23091	3	11.185	425875	25.0
1-Hexanol, 2-et...	11.490	1.8	ug/L	30552	3	11.185	425875	25.0