

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036250.D
 Acq On : 24 Jun 2024 16:47
 Operator : SY/MD
 Sample : P2987-20
 Misc : 6.12g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA8

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: VV036250.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	65	72	88	rVB	251308	272187	16.94%	2.347%
2	1.355	93	98	111	rVB	17440	28640	1.78%	0.247%
3	1.526	144	151	165	rVB	215915	257140	16.00%	2.217%
4	2.050	305	314	335	rVB	467329	679068	42.27%	5.855%
5	2.230	361	370	390	rVB	204318	310088	19.30%	2.674%
6	2.442	424	436	461	rVB	53472	95193	5.92%	0.821%
7	2.539	463	466	468	rBV4	722	564	0.04%	0.005%
8	2.590	479	482	484	rBV3	537	339	0.02%	0.003%
9	2.603	484	486	490	rBV2	424	310	0.02%	0.003%
10	2.873	567	570	571	rBV	756	462	0.03%	0.004%
11	2.892	572	576	583	rVV4	1652	2491	0.16%	0.021%
12	2.960	585	597	621	rVB3	34769	73039	4.55%	0.630%
13	3.092	635	638	642	rBV5	676	646	0.04%	0.006%
14	3.233	676	682	685	rBV4	424	441	0.03%	0.004%
15	3.658	805	814	816	rBV3	2040	2718	0.17%	0.023%
16	3.744	838	841	844	rBV2	507	375	0.02%	0.003%
17	3.847	859	873	910	rBV2	19030	99367	6.18%	0.857%
18	4.243	978	996	1032	rBV	270542	708460	44.09%	6.109%
19	4.526	1082	1084	1089	rBV6	721	481	0.03%	0.004%
20	4.577	1098	1100	1102	rBV3	502	300	0.02%	0.003%
21	4.693	1133	1136	1139	rVV3	675	515	0.03%	0.004%
22	4.715	1140	1143	1144	rVV2	780	468	0.03%	0.004%
23	4.741	1148	1151	1154	rVV2	638	519	0.03%	0.004%
24	4.950	1200	1216	1254	rBV2	623702	1606690	100.00%	13.854%
25	5.268	1312	1315	1317	rBV3	687	497	0.03%	0.004%
26	5.448	1367	1371	1373	rBV4	524	319	0.02%	0.003%
27	5.461	1373	1375	1378	rBV2	580	315	0.02%	0.003%
28	5.529	1385	1396	1434	rBV	546637	1144474	71.23%	9.868%
29	5.828	1478	1489	1512	rBV3	18572	44359	2.76%	0.382%
30	5.985	1524	1538	1575	rBV	366386	773207	48.12%	6.667%
31	6.349	1649	1651	1656	rVB2	690	473	0.03%	0.004%
32	6.374	1656	1659	1662	rBV5	457	315	0.02%	0.003%
33	6.461	1681	1686	1693	rVB7	979	1302	0.08%	0.011%
34	6.596	1719	1728	1729	rBV4	901	1177	0.07%	0.010%
35	6.741	1766	1773	1778	rVB2	628	680	0.04%	0.006%
36	6.911	1816	1826	1861	rBV	160206	318271	19.81%	2.744%

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 Title : VOC Analysis

37	7.165	1900	1905	1907	rBV3	497	501	0.03%	0.004%
38	7.239	1916	1928	1953	rBV	676505	1194396	74.34%	10.299%
39	7.509	2008	2012	2016	rVB3	423	309	0.02%	0.003%
40	7.551	2016	2025	2057	rBV	104842	206771	12.87%	1.783%
41	7.786	2096	2098	2101	rBV3	553	304	0.02%	0.003%
42	7.873	2115	2125	2136	rBV2	10646	17124	1.07%	0.148%
43	8.034	2164	2175	2212	rBV	88506	210771	13.12%	1.817%
44	8.529	2326	2329	2332	rBV3	513	299	0.02%	0.003%
45	8.599	2349	2351	2355	rVB2	495	314	0.02%	0.003%
46	8.783	2396	2408	2438	rBV	811027	1342852	83.58%	11.579%
47	9.275	2557	2561	2565	rVB3	518	378	0.02%	0.003%
48	9.506	2624	2633	2650	rBV3	10226	23316	1.45%	0.201%
49	9.651	2674	2678	2680	rVV4	809	712	0.04%	0.006%
50	9.754	2707	2710	2712	rBV2	623	378	0.02%	0.003%
51	9.812	2726	2728	2733	rVB4	672	409	0.03%	0.004%
52	9.911	2757	2759	2764	rVB3	690	411	0.03%	0.004%
53	9.940	2764	2768	2772	rBV3	437	359	0.02%	0.003%
54	9.988	2780	2783	2788	rVB2	483	336	0.02%	0.003%
55	10.066	2804	2807	2810	rBV4	525	328	0.02%	0.003%
56	10.098	2810	2817	2818	rBV4	592	560	0.03%	0.005%
57	10.152	2823	2834	2853	rBV	255584	411603	25.62%	3.549%
58	10.323	2877	2887	2899	rVB	18423	29685	1.85%	0.256%
59	10.400	2909	2911	2916	rVB3	407	342	0.02%	0.003%
60	10.451	2916	2927	2943	rBV2	12401	24280	1.51%	0.209%
61	10.615	2974	2978	2980	rBV3	568	336	0.02%	0.003%
62	10.705	2997	3006	3028	rVV2	16458	28772	1.79%	0.248%
63	10.818	3034	3041	3043	rBV7	690	849	0.05%	0.007%
64	10.860	3049	3054	3060	rVB9	1124	1015	0.06%	0.009%
65	10.927	3068	3075	3077	rBV3	1291	1119	0.07%	0.010%
66	11.082	3120	3123	3124	rBV	530	318	0.02%	0.003%
67	11.120	3133	3135	3138	rBV2	626	441	0.03%	0.004%
68	11.185	3144	3155	3179	rBV	510811	817878	50.90%	7.052%
69	11.484	3239	3248	3261	rBV2	31451	66858	4.16%	0.576%
70	11.558	3261	3271	3297	rVB	416937	676853	42.13%	5.836%
71	11.876	3366	3370	3371	rBV3	576	341	0.02%	0.003%
72	11.905	3375	3379	3381	rVV4	478	350	0.02%	0.003%
73	11.976	3399	3401	3404	rVB3	644	305	0.02%	0.003%
74	12.017	3412	3414	3419	rBV5	581	445	0.03%	0.004%
75	12.094	3435	3438	3443	rVB2	692	533	0.03%	0.005%
76	12.194	3455	3469	3480	rBV2	18481	30346	1.89%	0.262%

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 Title : VOC Analysis

77	12.252	3480	3487	3489	rBV5	1403	1280	0.08%	0.011%
78	12.664	3611	3615	3620	rVB4	531	521	0.03%	0.004%
79	12.696	3620	3625	3628	rBV4	605	658	0.04%	0.006%
80	12.786	3648	3653	3655	rBV3	405	335	0.02%	0.003%
81	12.831	3660	3667	3674	rBV6	2012	2823	0.18%	0.024%
82	12.879	3679	3682	3684	rBV	624	430	0.03%	0.004%
83	12.966	3704	3709	3712	rVV4	570	554	0.03%	0.005%
84	13.120	3753	3757	3761	rBV3	648	574	0.04%	0.005%
85	13.239	3790	3794	3796	rBV3	428	395	0.02%	0.003%
86	13.451	3856	3860	3861	rBV2	785	532	0.03%	0.005%
87	13.628	3912	3915	3918	rBV4	543	441	0.03%	0.004%
88	13.683	3922	3932	3942	rVB3	16715	23548	1.47%	0.203%
89	13.914	4002	4004	4009	rVB4	537	305	0.02%	0.003%
90	13.985	4014	4026	4035	rBV	14446	23881	1.49%	0.206%
91	14.049	4041	4046	4047	rBV4	490	382	0.02%	0.003%
92	14.117	4059	4067	4078	rVB7	2385	4100	0.26%	0.035%
93	14.416	4155	4160	4163	rBV5	546	524	0.03%	0.005%
94	14.474	4175	4178	4179	rBV2	482	315	0.02%	0.003%
95	14.593	4208	4215	4218	rBV4	1038	1226	0.08%	0.011%
96	14.747	4258	4263	4267	rBV2	692	847	0.05%	0.007%
97	15.496	4494	4496	4498	rBV2	646	394	0.02%	0.003%
98	15.580	4515	4522	4535	rVB2	6437	10988	0.68%	0.095%
99	15.670	4548	4550	4553	rVB4	793	382	0.02%	0.003%
100	15.699	4553	4559	4564	rBV5	2136	2605	0.16%	0.022%

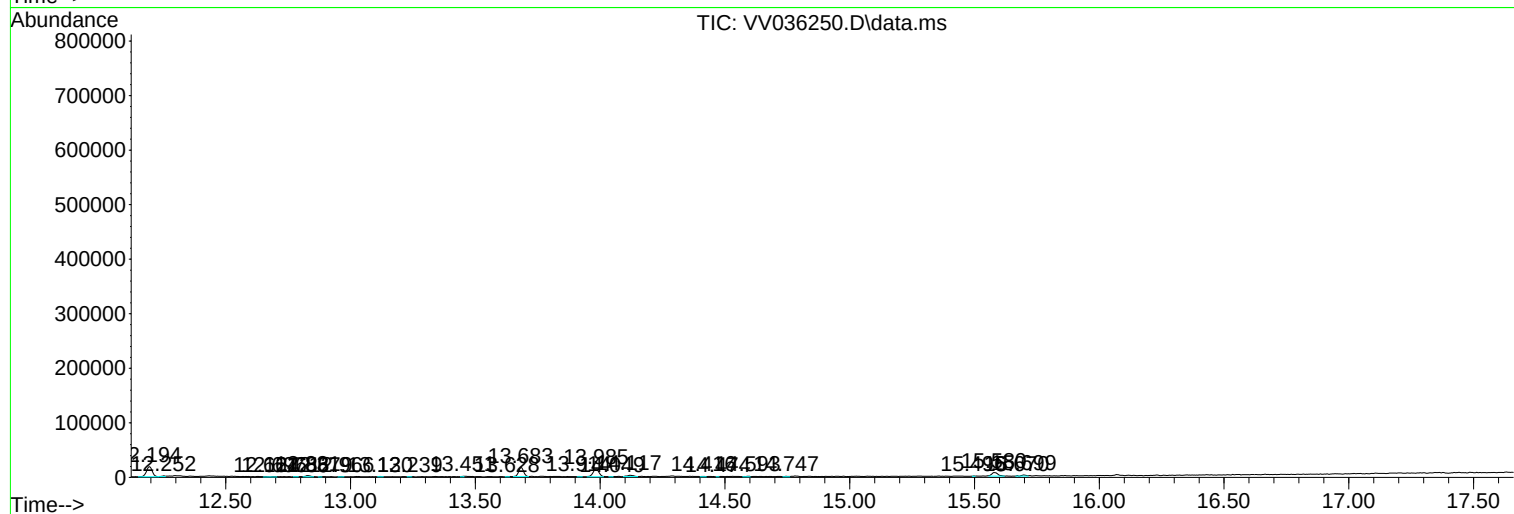
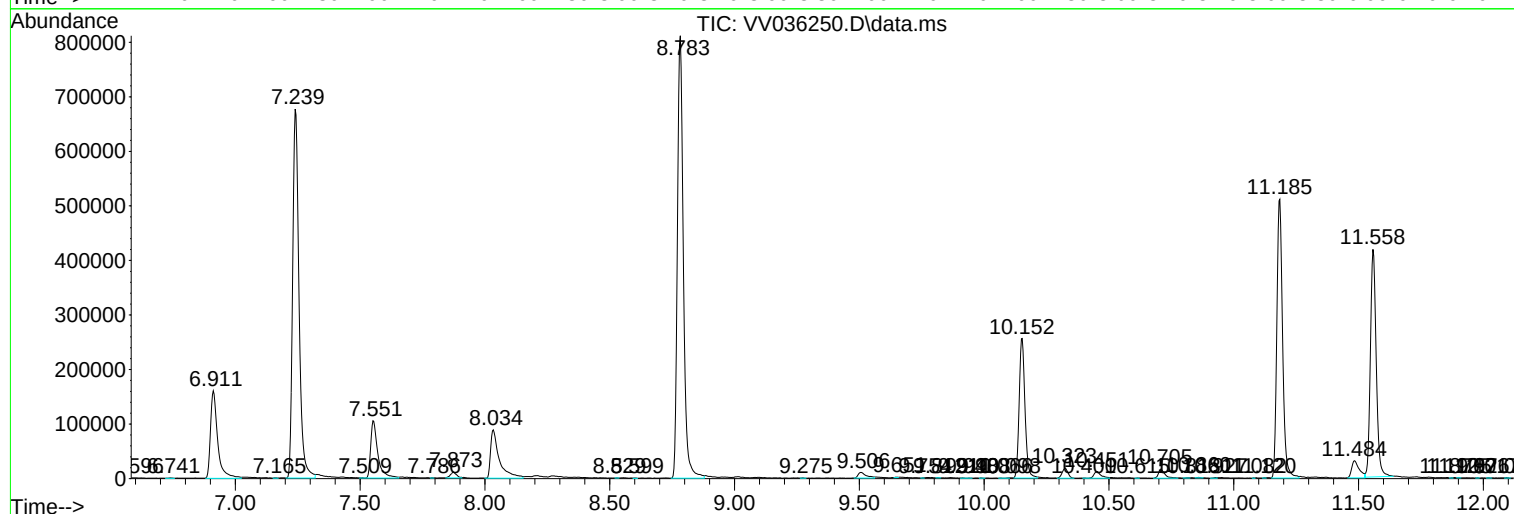
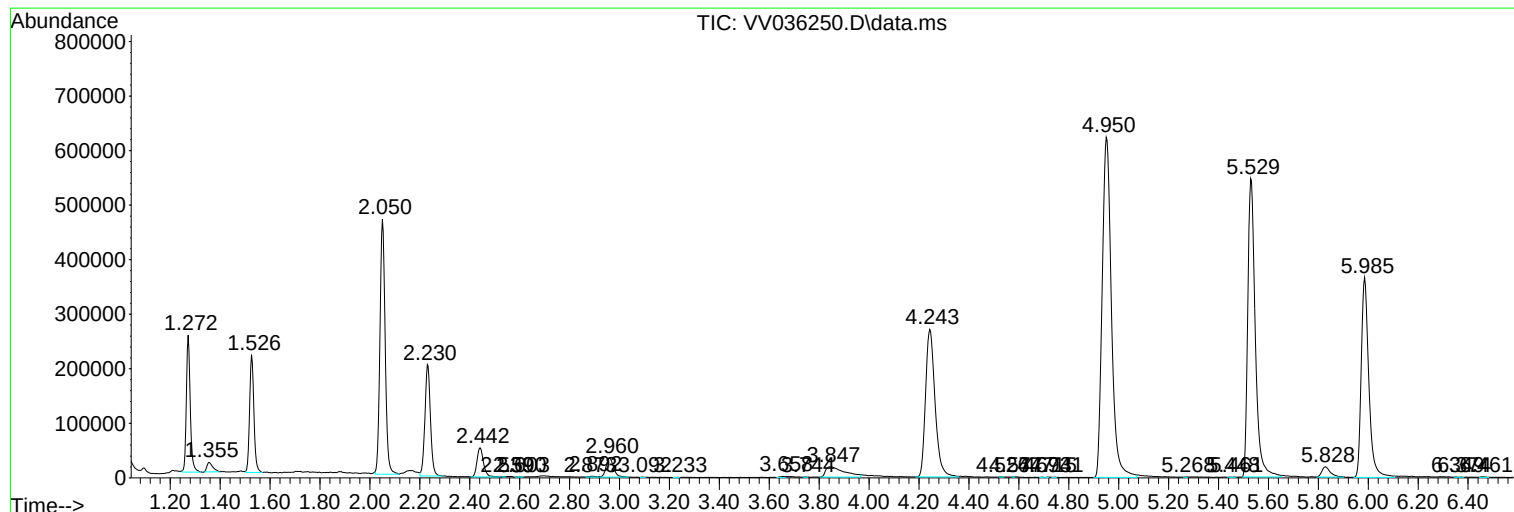
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ALS Vial : 18 Sample Multiplier: 1

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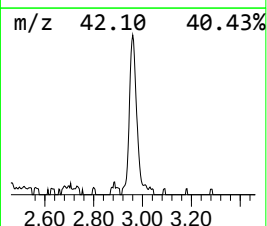
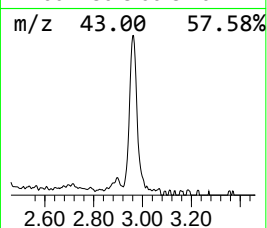
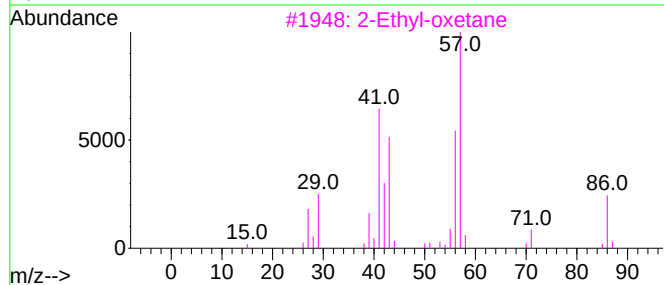
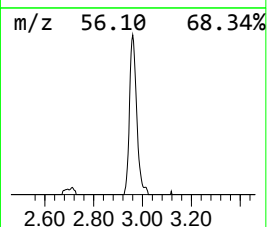
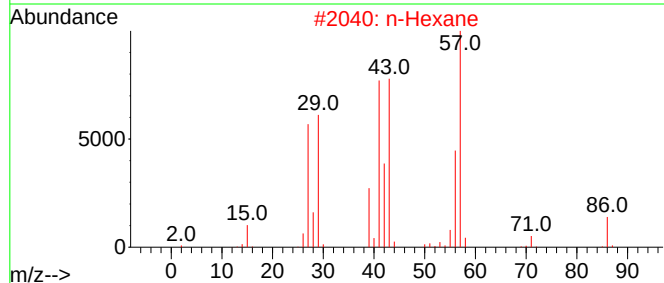
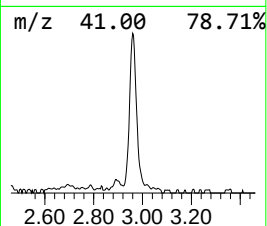
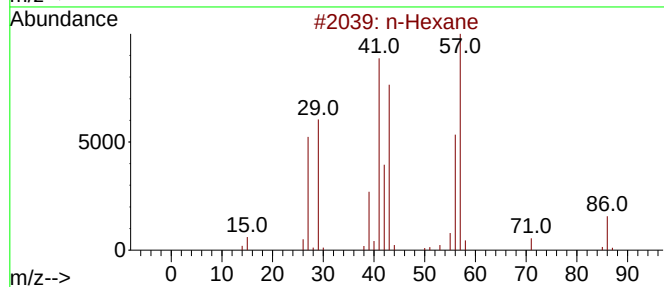
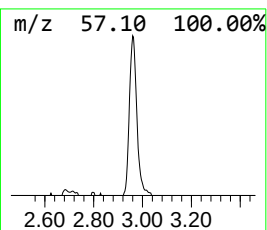
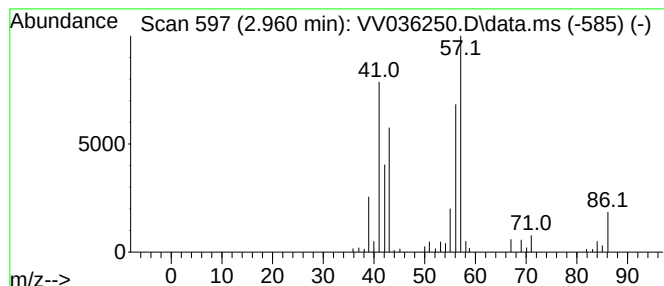
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	1.60 ug/L	73039	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	72
2			n-Hexane	86	C6H14	000110-54-3	72
3			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	58
4			n-Hexane	86	C6H14	000110-54-3	56
5			Cyclopropane, propyl-	84	C6H12	002415-72-7	53



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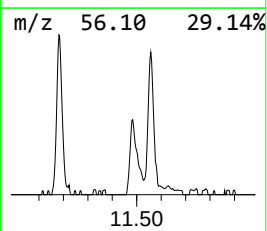
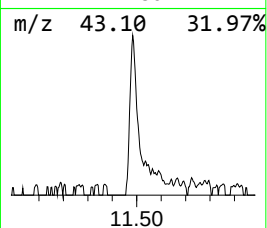
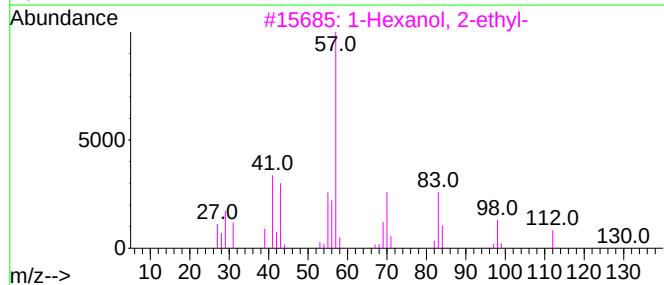
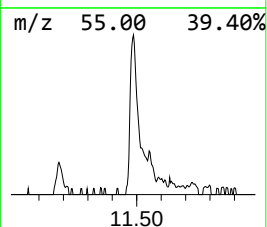
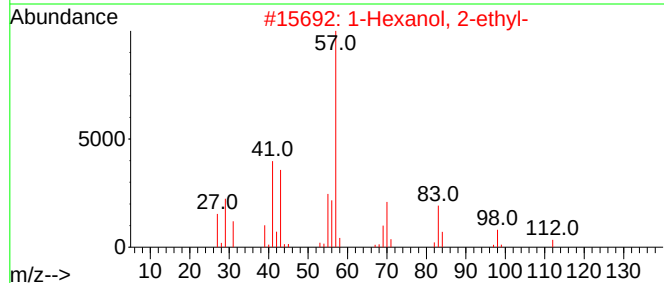
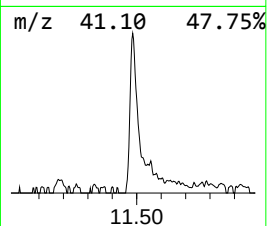
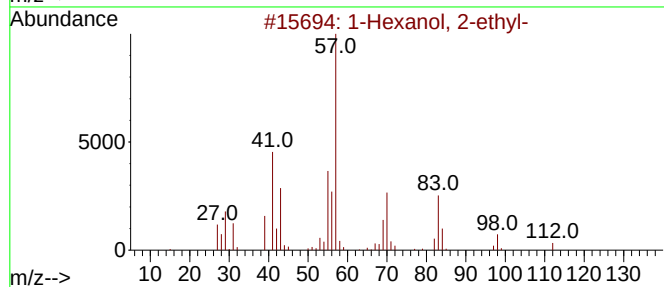
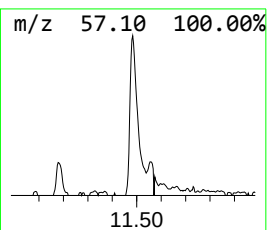
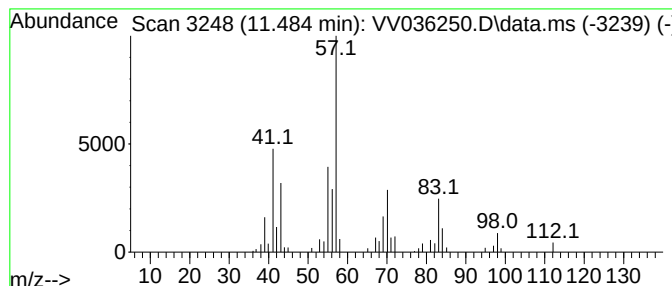
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	2.04 ug/L	66858	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	78
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol			130	C8H18O	058175-57-8	53



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	2.960	1.6	ug/L	73039	1	5.529	1144470	25.0
1-Hexanol, 2-et...	11.484	2.0	ug/L	66858	3	11.185	817878	25.0