

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036380.D
 Acq On : 01 Jul 2024 16:57
 Operator : SY/MD
 Sample : P3087-06
 Misc : 5.59g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CB1

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\SFAMVLM062724SMA.M
 Title : VOC Analysis

Signal : TIC: VV036380.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	67	72	86	rVB	154477	165584	18.23%	3.358%
2	1.526	145	151	166	rVB	146502	177087	19.50%	3.591%
3	2.050	306	314	327	rVB	276633	392422	43.21%	7.958%
4	2.442	429	436	450	rVB	14937	24735	2.72%	0.502%
5	2.683	509	511	512	rBV	477	187	0.02%	0.004%
6	2.777	533	540	547	rBV4	482	768	0.08%	0.016%
7	2.828	554	556	560	rBV3	326	243	0.03%	0.005%
8	2.960	588	597	598	rBV3	2673	2783	0.31%	0.056%
9	3.150	653	656	658	rBV2	216	112	0.01%	0.002%
10	3.169	660	662	666	rBV	227	165	0.02%	0.003%
11	3.265	689	692	696	rVB2	213	167	0.02%	0.003%
12	3.291	696	700	703	rBV2	375	319	0.04%	0.006%
13	3.407	734	736	740	rBV3	203	162	0.02%	0.003%
14	3.722	831	834	838	rVB3	383	233	0.03%	0.005%
15	3.828	864	867	868	rBV	419	222	0.02%	0.005%
16	3.876	868	882	887	rBV6	7602	20487	2.26%	0.415%
17	4.243	981	996	1031	rBV	161687	431081	47.47%	8.742%
18	4.654	1122	1124	1127	rBV2	361	196	0.02%	0.004%
19	4.680	1130	1132	1135	rVB3	438	247	0.03%	0.005%
20	4.738	1146	1150	1152	rBV2	241	143	0.02%	0.003%
21	4.815	1172	1174	1177	rVB2	280	130	0.01%	0.003%
22	4.880	1191	1194	1196	rBV	225	154	0.02%	0.003%
23	4.953	1202	1217	1251	rBV2	352090	908204	100.00%	18.417%
24	5.281	1316	1319	1321	rBV	460	314	0.03%	0.006%
25	5.442	1365	1369	1371	rBV2	205	132	0.01%	0.003%
26	5.455	1371	1373	1376	rVB2	399	177	0.02%	0.004%
27	5.471	1376	1378	1380	rBV	313	199	0.02%	0.004%
28	5.532	1386	1397	1431	rBV	298310	639380	70.40%	12.965%
29	5.834	1481	1491	1506	rBV7	6767	15468	1.70%	0.314%
30	5.986	1525	1538	1570	rBV	209869	444014	48.89%	9.004%
31	6.240	1615	1617	1619	rBV2	453	263	0.03%	0.005%
32	6.346	1647	1650	1652	rVB2	338	179	0.02%	0.004%
33	6.362	1652	1655	1657	rBV3	374	252	0.03%	0.005%
34	6.413	1669	1671	1673	rBV2	284	161	0.02%	0.003%
35	6.426	1673	1675	1679	rVB	440	153	0.02%	0.003%
36	6.452	1680	1683	1686	rVB	363	166	0.02%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Title : VOC Analysis

37	6.510	1699	1701	1704	rVB2	236	135	0.01%	0.003%
38	6.526	1704	1706	1709	rVV2	237	119	0.01%	0.002%
39	6.551	1709	1714	1718	rVB2	215	223	0.02%	0.005%
40	6.635	1738	1740	1744	rBV2	374	183	0.02%	0.004%
41	6.667	1747	1750	1755	rBV2	162	165	0.02%	0.003%
42	6.805	1791	1793	1794	rBV	247	118	0.01%	0.002%
43	6.838	1800	1803	1807	rBV2	344	227	0.02%	0.005%
44	6.918	1819	1828	1854	rBV	30103	68770	7.57%	1.395%
45	7.188	1910	1912	1914	rVB	329	139	0.02%	0.003%
46	7.243	1918	1929	1957	rBV	242998	453141	49.89%	9.189%
47	7.564	2020	2029	2049	rBV2	21593	45637	5.02%	0.925%
48	7.789	2097	2099	2101	rBV	339	194	0.02%	0.004%
49	7.834	2108	2113	2114	rBV2	489	330	0.04%	0.007%
50	7.873	2118	2125	2138	rVB3	6008	10135	1.12%	0.206%
51	7.966	2151	2154	2156	rBV2	288	193	0.02%	0.004%
52	7.998	2161	2164	2165	rVV	222	112	0.01%	0.002%
53	8.043	2171	2178	2210	rBV7	23402	79316	8.73%	1.608%
54	8.429	2296	2298	2300	rVB	542	221	0.02%	0.004%
55	8.449	2300	2304	2307	rBV3	257	205	0.02%	0.004%
56	8.661	2368	2370	2373	rBV2	268	111	0.01%	0.002%
57	8.693	2378	2380	2382	rBV2	258	135	0.01%	0.003%
58	8.706	2382	2384	2388	rVB2	246	130	0.01%	0.003%
59	8.783	2398	2408	2436	rBV	264181	458740	50.51%	9.302%
60	9.082	2497	2501	2502	rBV	533	322	0.04%	0.007%
61	9.153	2521	2523	2527	rBV3	815	694	0.08%	0.014%
62	9.182	2530	2532	2533	rBV	308	113	0.01%	0.002%
63	9.256	2549	2555	2560	rVB3	490	567	0.06%	0.011%
64	9.288	2560	2565	2567	rBV3	488	415	0.05%	0.008%
65	9.326	2575	2577	2580	rBV3	295	109	0.01%	0.002%
66	9.407	2600	2602	2607	rVB3	232	204	0.02%	0.004%
67	9.532	2639	2641	2644	rVB2	525	299	0.03%	0.006%
68	9.648	2674	2677	2679	rBV2	436	218	0.02%	0.004%
69	9.674	2683	2685	2688	rBV3	470	283	0.03%	0.006%
70	9.709	2693	2696	2700	rBV2	351	188	0.02%	0.004%
71	9.731	2700	2703	2706	rVB2	424	210	0.02%	0.004%
72	9.760	2706	2712	2717	rBV4	591	770	0.08%	0.016%
73	9.809	2725	2727	2729	rBV2	285	159	0.02%	0.003%
74	10.008	2786	2789	2792	rVB2	550	315	0.03%	0.006%
75	10.024	2792	2794	2796	rBV	366	220	0.02%	0.004%
76	10.063	2799	2806	2813	rVV4	1849	2154	0.24%	0.044%

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Title : VOC Analysis

77	10.153	2820	2834	2854	rBV	106701	178562	19.66%	3.621%
78	10.323	2878	2887	2899	rVB2	19630	31518	3.47%	0.639%
79	10.468	2929	2932	2934	rBV2	379	227	0.02%	0.005%
80	10.625	2979	2981	2984	rBV	331	227	0.02%	0.005%
81	10.706	3003	3006	3011	rVB2	548	434	0.05%	0.009%
82	10.738	3014	3016	3019	rBV2	232	150	0.02%	0.003%
83	10.760	3020	3023	3027	rBV3	884	845	0.09%	0.017%
84	10.850	3042	3051	3064	rBV2	5112	8346	0.92%	0.169%
85	10.969	3083	3088	3098	rVB5	2129	3081	0.34%	0.062%
86	11.008	3098	3100	3103	rBV	403	197	0.02%	0.004%
87	11.082	3116	3123	3133	rBV3	9686	13776	1.52%	0.279%
88	11.185	3146	3155	3174	rBV	98732	168107	18.51%	3.409%
89	11.497	3244	3252	3261	rBV9	6256	13302	1.46%	0.270%
90	11.561	3264	3272	3288	rVB	76320	130968	14.42%	2.656%
91	11.911	3379	3381	3382	rBV2	739	260	0.03%	0.005%
92	12.194	3461	3469	3479	rVB2	7205	12128	1.34%	0.246%
93	12.387	3525	3529	3531	rBV3	628	499	0.05%	0.010%
94	12.435	3541	3544	3546	rBV3	694	413	0.05%	0.008%
95	13.091	3744	3748	3749	rBV	470	250	0.03%	0.005%
96	13.448	3853	3859	3874	rBV3	6229	11702	1.29%	0.237%
97	13.522	3879	3882	3883	rBV2	1038	542	0.06%	0.011%
98	13.680	3926	3931	3941	rVB7	1535	2368	0.26%	0.048%
99	13.776	3958	3961	3964	rBV3	642	437	0.05%	0.009%
100	14.124	4066	4069	4070	rBV2	661	456	0.05%	0.009%

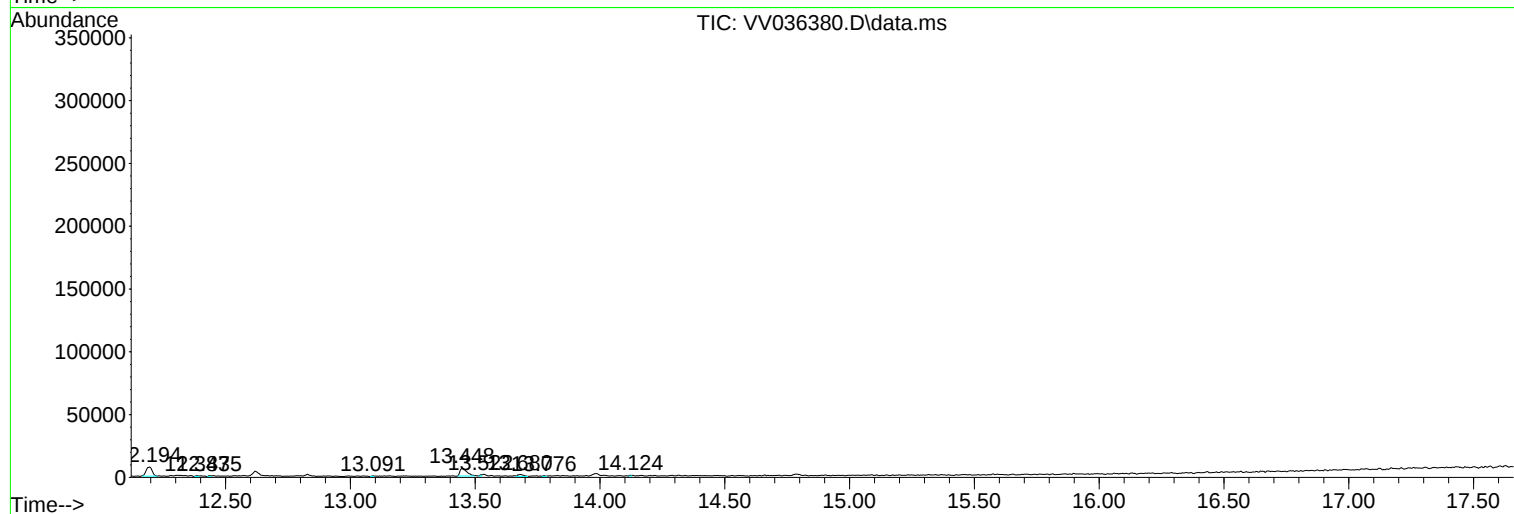
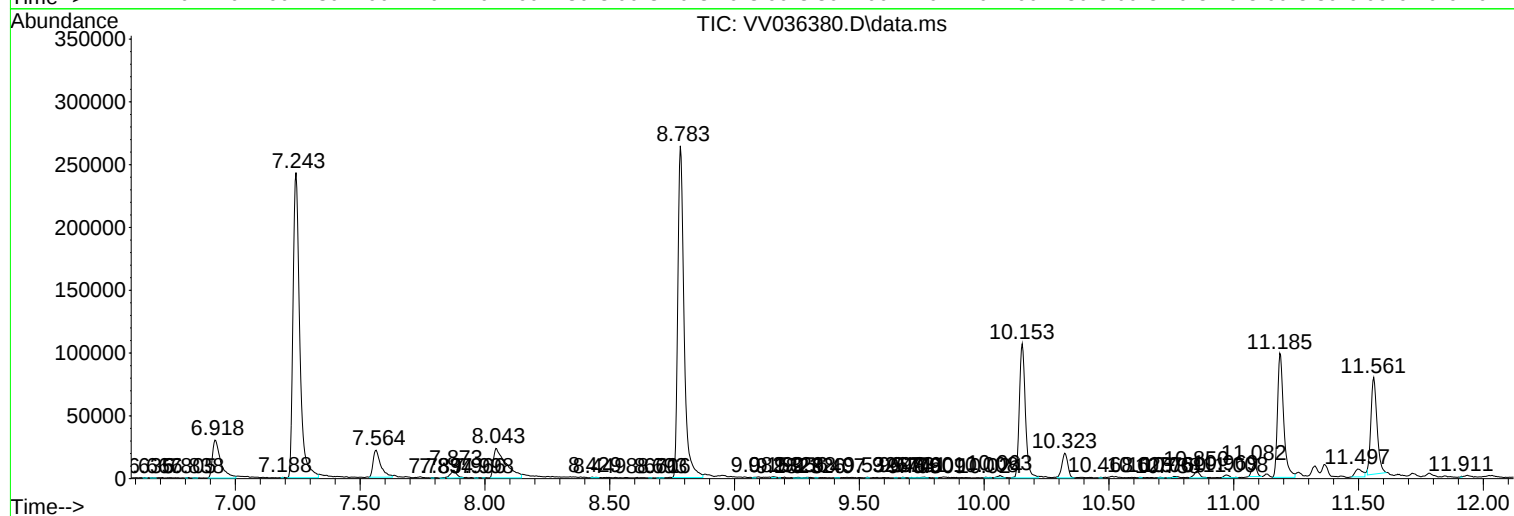
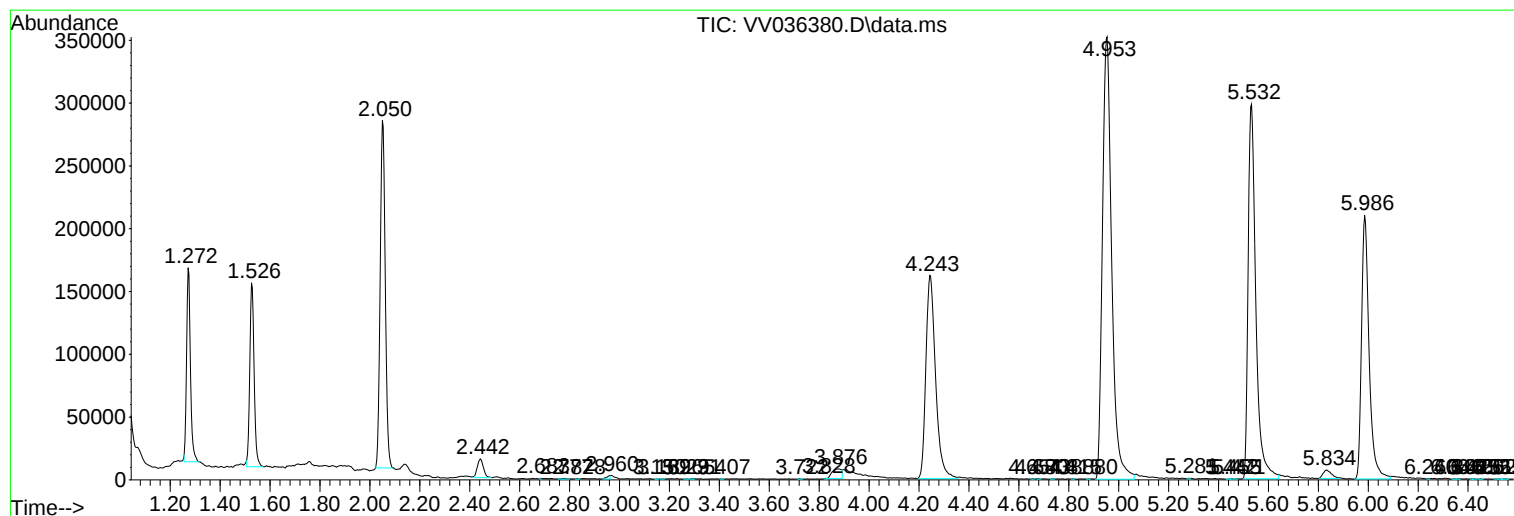
Sum of corrected areas: 4931403

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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



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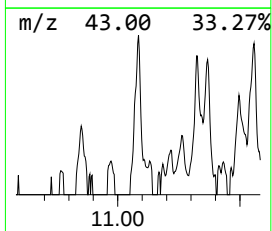
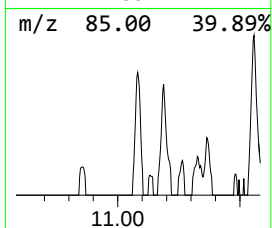
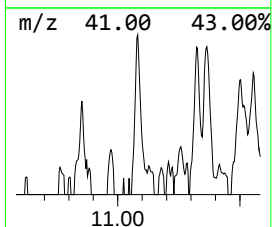
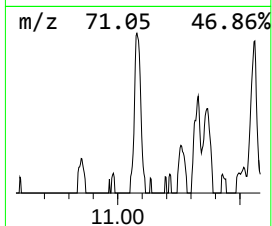
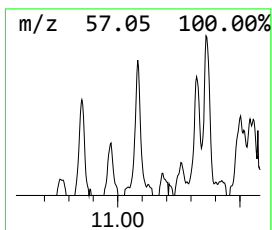
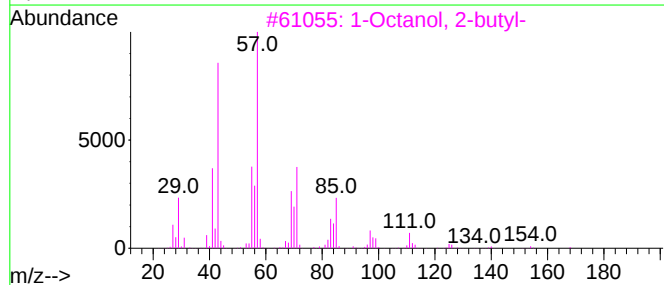
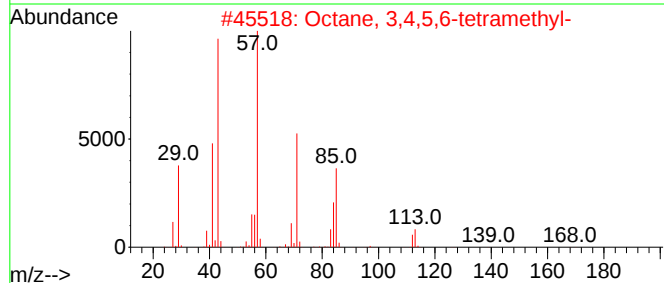
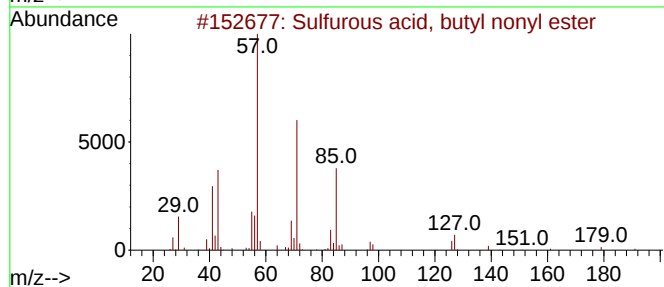
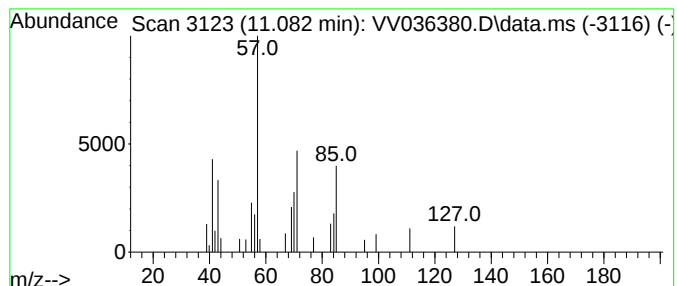
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Sulfurous acid, butyl nonyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	2.05 ug/L	13776	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
2			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
4			Hexatriacontane	507	C36H74	000630-06-8	50
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	45



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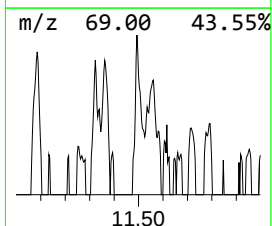
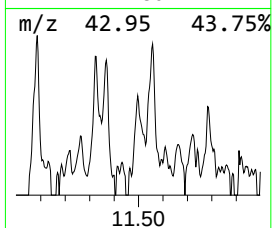
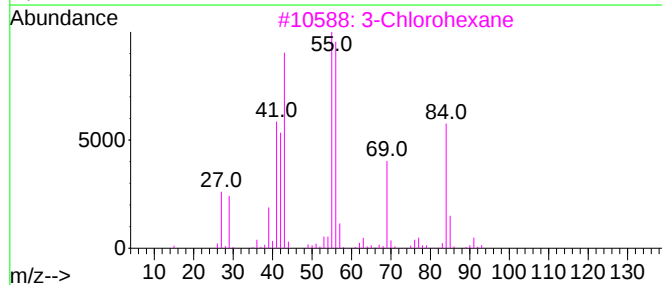
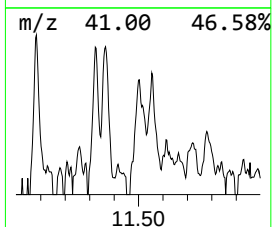
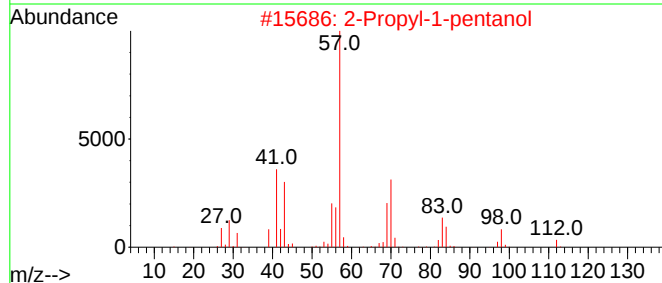
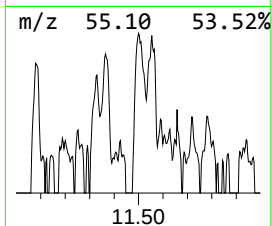
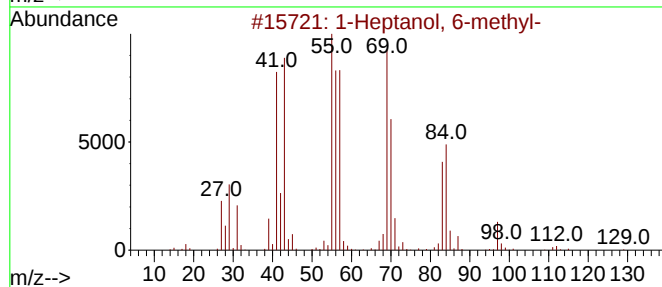
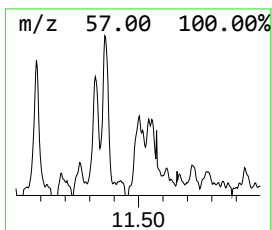
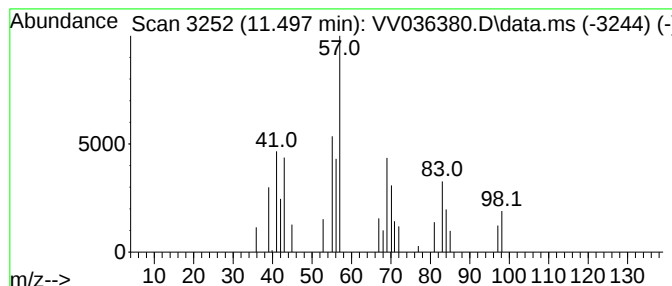
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.497	1.98 ug/L	13302	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	47
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	40
3			3-Chlorohexane	120	C6H13Cl	002346-81-8	38
4			4-Pentenal	84	C5H8O	002100-17-6	35
5			1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	32



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid,...	11.082	2.0	ug/L	13776	3	11.188	168107	25.0
unknown-01	11.497	2.0	ug/L	13302	3	11.188	168107	25.0