

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070224\
 Data File : VV036424.D
 Acq On : 02 Jul 2024 16:09
 Operator : SY/MD
 Sample : P3087-22RE
 Misc : 4.78g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CY9RE

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: VV036424.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	90	rVB	217371	237361	20.09%	3.226%
2	1.526	145	151	163	rVB	174248	202780	17.17%	2.756%
3	2.050	305	314	332	rVB	360982	519834	44.01%	7.065%
4	2.635	493	496	497	rVB	381	160	0.01%	0.002%
5	2.651	497	501	502	rBV2	525	328	0.03%	0.004%
6	2.915	579	583	584	rBV2	342	256	0.02%	0.003%
7	2.963	588	598	612	rVB5	3327	7886	0.67%	0.107%
8	3.089	634	637	641	rVB3	309	246	0.02%	0.003%
9	3.310	703	706	711	rVB3	365	276	0.02%	0.004%
10	3.372	723	725	728	rVB2	227	127	0.01%	0.002%
11	3.407	734	736	739	rVB3	284	134	0.01%	0.002%
12	3.552	779	781	784	rBV2	194	116	0.01%	0.002%
13	3.571	785	787	790	rVB2	230	112	0.01%	0.002%
14	3.593	790	794	796	rBV2	297	202	0.02%	0.003%
15	3.626	800	804	806	rBV3	343	241	0.02%	0.003%
16	3.680	818	821	822	rBV2	362	173	0.01%	0.002%
17	3.818	861	864	866	rBV	520	348	0.03%	0.005%
18	3.870	871	880	883	rBV3	6099	10196	0.86%	0.139%
19	4.243	982	996	1025	rBV	201430	523118	44.28%	7.109%
20	4.516	1078	1081	1083	rBV3	448	276	0.02%	0.004%
21	4.635	1115	1118	1121	rVB2	356	248	0.02%	0.003%
22	4.748	1150	1153	1156	rBV	216	161	0.01%	0.002%
23	4.770	1156	1160	1163	rVV2	245	180	0.02%	0.002%
24	4.809	1170	1172	1176	rVB	273	150	0.01%	0.002%
25	4.867	1188	1190	1195	rVB2	304	196	0.02%	0.003%
26	4.896	1195	1199	1201	rBV2	265	215	0.02%	0.003%
27	4.950	1201	1216	1248	rBV2	464050	1181258	100.00%	16.054%
28	5.529	1384	1396	1432	rBV	482704	1022888	86.59%	13.901%
29	5.828	1483	1489	1504	rVB3	8076	17291	1.46%	0.235%
30	5.986	1526	1538	1566	rBV	261339	549950	46.56%	7.474%
31	6.297	1633	1635	1637	rVB	433	152	0.01%	0.002%
32	6.314	1637	1640	1646	rBV4	431	508	0.04%	0.007%
33	6.384	1659	1662	1664	rBV3	401	207	0.02%	0.003%
34	6.397	1664	1666	1668	rVB3	410	218	0.02%	0.003%
35	6.429	1674	1676	1679	rBV2	396	262	0.02%	0.004%
36	6.484	1690	1693	1696	rBV2	326	230	0.02%	0.003%

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Integrator: RTE

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

37	6.513	1697	1702	1704	rVB2	354	253	0.02%	0.003%
38	6.529	1704	1707	1709	rBV2	218	153	0.01%	0.002%
39	6.545	1709	1712	1715	rVB2	302	153	0.01%	0.002%
40	6.619	1730	1735	1738	rBV2	364	349	0.03%	0.005%
41	6.661	1745	1748	1750	rBV	222	138	0.01%	0.002%
42	6.748	1772	1775	1776	rBV	229	119	0.01%	0.002%
43	6.783	1783	1786	1787	rBV	295	117	0.01%	0.002%
44	6.818	1793	1797	1799	rBV	268	159	0.01%	0.002%
45	6.857	1806	1809	1813	rBV2	332	193	0.02%	0.003%
46	6.915	1817	1827	1851	rBV	64155	132314	11.20%	1.798%
47	7.166	1903	1905	1906	rBV	298	124	0.01%	0.002%
48	7.240	1918	1928	1958	rBV	443560	801830	67.88%	10.897%
49	7.558	2018	2027	2051	rBV	41315	84691	7.17%	1.151%
50	7.831	2107	2112	2114	rBV3	594	438	0.04%	0.006%
51	7.876	2114	2126	2134	rVV3	3096	5567	0.47%	0.076%
52	7.924	2137	2141	2145	rVB5	547	513	0.04%	0.007%
53	7.947	2145	2148	2149	rBV	208	136	0.01%	0.002%
54	7.953	2149	2150	2153	rVB	355	148	0.01%	0.002%
55	7.969	2153	2155	2158	rBV2	261	168	0.01%	0.002%
56	8.043	2170	2178	2209	rBV	23979	69543	5.89%	0.945%
57	8.397	2287	2288	2290	rBV	256	114	0.01%	0.002%
58	8.468	2308	2310	2312	rBV	294	177	0.01%	0.002%
59	8.542	2329	2333	2334	rBV3	359	223	0.02%	0.003%
60	8.567	2339	2341	2345	rVB	321	209	0.02%	0.003%
61	8.658	2365	2369	2370	rBV2	186	130	0.01%	0.002%
62	8.696	2379	2381	2382	rBV2	269	120	0.01%	0.002%
63	8.783	2395	2408	2439	rBV	527458	891077	75.43%	12.110%
64	9.043	2487	2489	2493	rBV3	420	268	0.02%	0.004%
65	9.201	2535	2538	2540	rBV	228	132	0.01%	0.002%
66	9.217	2541	2543	2546	rVV2	247	128	0.01%	0.002%
67	9.330	2574	2578	2580	rBV2	377	268	0.02%	0.004%
68	9.410	2600	2603	2609	rBV3	307	242	0.02%	0.003%
69	9.474	2620	2623	2624	rBV	281	133	0.01%	0.002%
70	9.522	2636	2638	2640	rBV	237	149	0.01%	0.002%
71	9.571	2649	2653	2656	rVB3	424	340	0.03%	0.005%
72	9.593	2656	2660	2662	rBV3	376	260	0.02%	0.004%
73	9.629	2669	2671	2674	rVB2	300	134	0.01%	0.002%
74	9.674	2680	2685	2688	rBV3	323	346	0.03%	0.005%
75	9.725	2699	2701	2704	rBV	366	277	0.02%	0.004%
76	9.786	2718	2720	2723	rBV2	327	200	0.02%	0.003%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

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Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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Peak Location: TOP

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Peak separation: 5

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

77	9.841	2728	2737	2743	rBV5	1261	1935	0.16%	0.026%
78	9.866	2743	2745	2747	rBV2	332	164	0.01%	0.002%
79	9.908	2753	2758	2761	rVB3	395	306	0.03%	0.004%
80	9.947	2761	2770	2776	rBV3	430	635	0.05%	0.009%
81	10.014	2787	2791	2793	rBV	224	169	0.01%	0.002%
82	10.063	2798	2806	2815	rVV6	1719	2373	0.20%	0.032%
83	10.153	2823	2834	2851	rBV	146447	237495	20.11%	3.228%
84	10.326	2880	2888	2896	rVB4	5622	9178	0.78%	0.125%
85	10.378	2900	2904	2908	rVB2	460	351	0.03%	0.005%
86	10.513	2935	2946	2949	rBV5	1700	2442	0.21%	0.033%
87	10.590	2966	2970	2974	rBV2	430	325	0.03%	0.004%
88	10.635	2982	2984	2988	rBV	283	200	0.02%	0.003%
89	10.654	2988	2990	2993	rVB2	431	143	0.01%	0.002%
90	10.770	3020	3026	3034	rBV4	1333	2161	0.18%	0.029%
91	10.815	3038	3040	3042	rVV2	302	124	0.01%	0.002%
92	10.854	3042	3052	3062	rVB2	6649	10545	0.89%	0.143%
93	10.944	3075	3080	3082	rBV5	535	512	0.04%	0.007%
94	10.969	3082	3088	3099	rVV5	3034	4968	0.42%	0.068%
95	11.082	3114	3123	3133	rBV2	14531	23266	1.97%	0.316%
96	11.185	3145	3155	3172	rBV	249236	402787	34.10%	5.474%
97	11.487	3239	3249	3261	rBV4	19894	48085	4.07%	0.653%
98	11.561	3263	3272	3295	rVB	191050	325552	27.56%	4.424%
99	12.619	3592	3601	3610	rBV5	7290	13233	1.12%	0.180%
100	13.760	3954	3956	3960	rBV5	1030	858	0.07%	0.012%

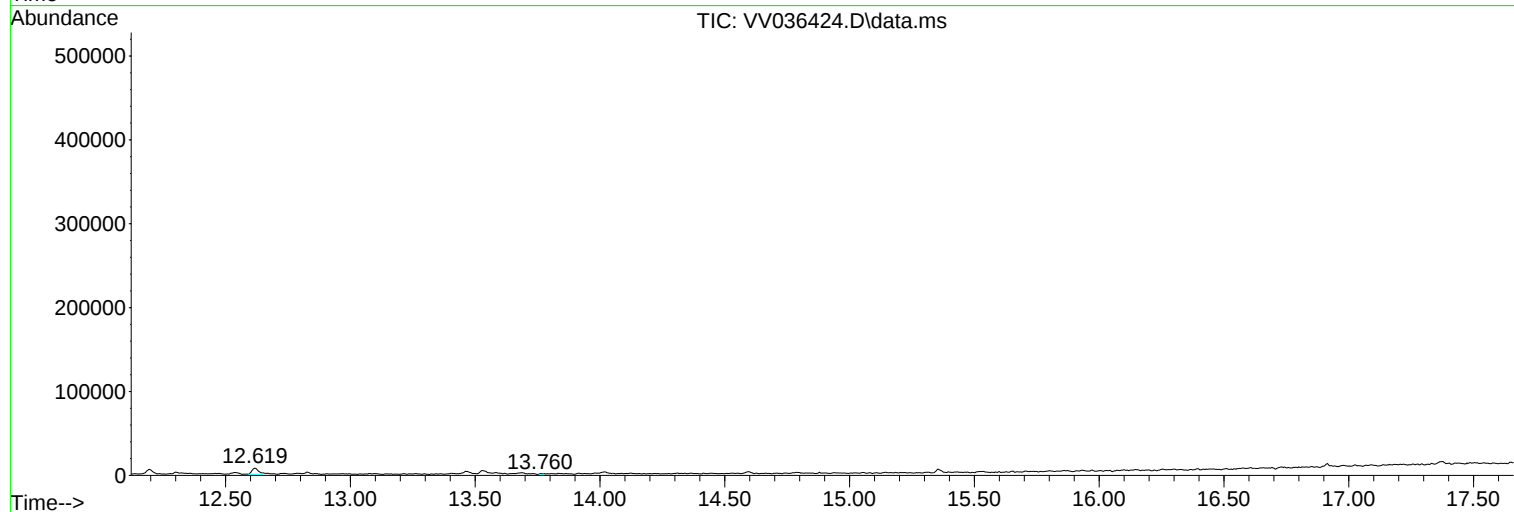
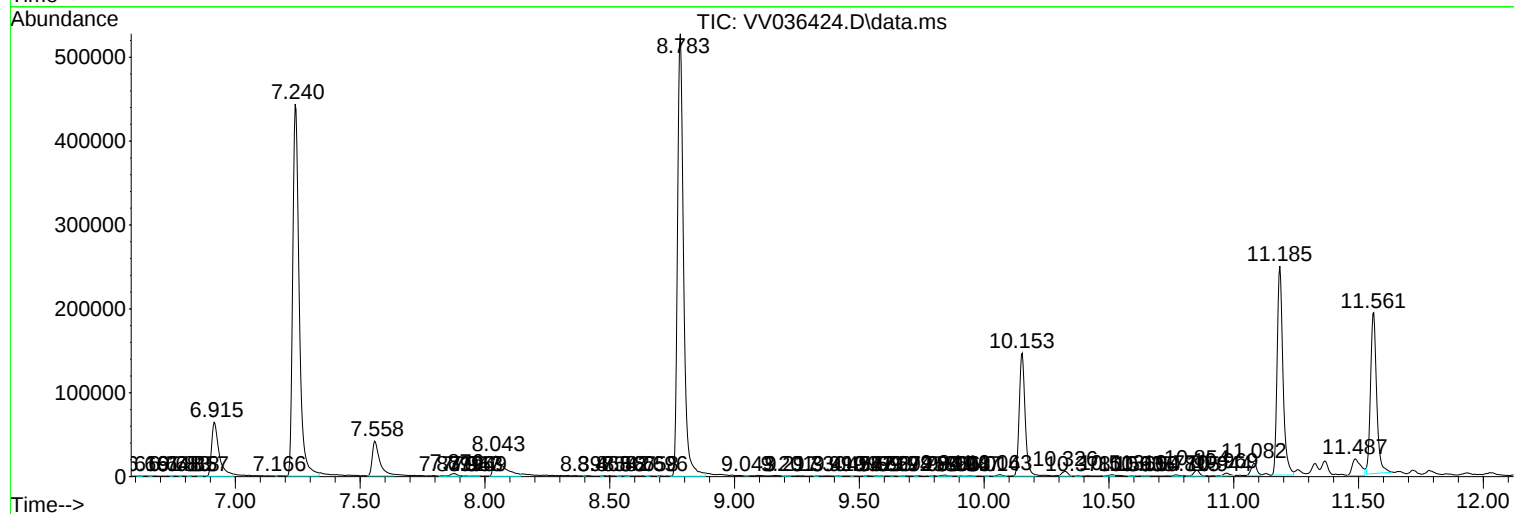
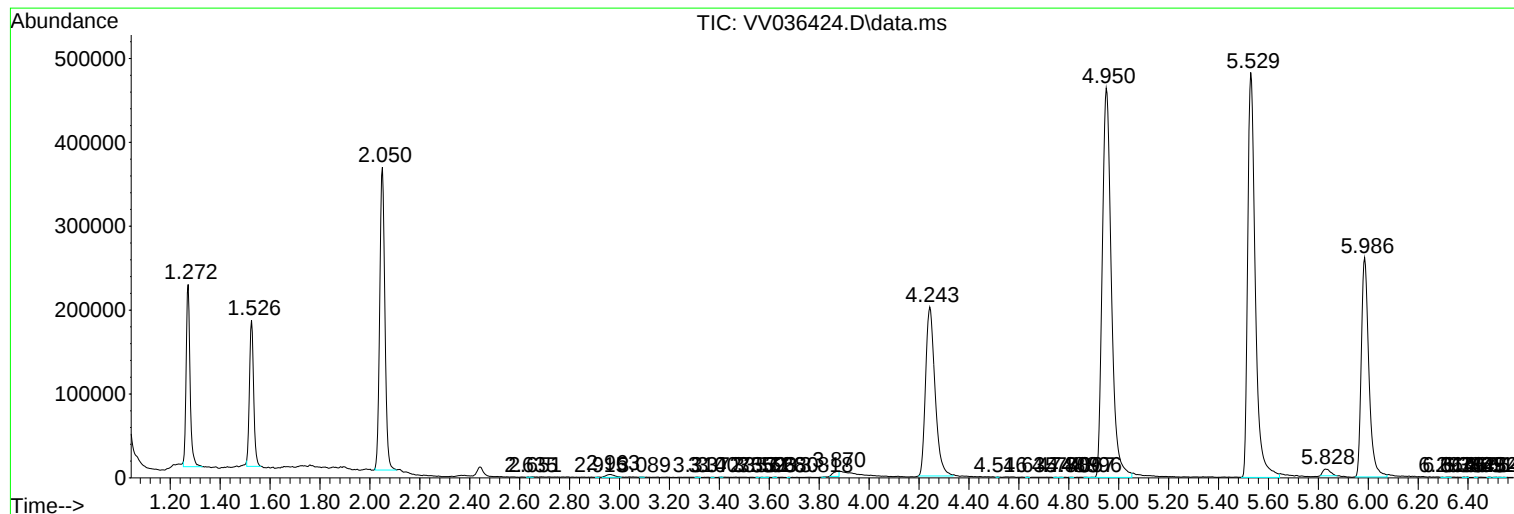
Sum of corrected areas: 7358124

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ALS Vial : 16 Sample Multiplier: 1

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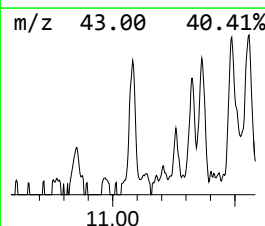
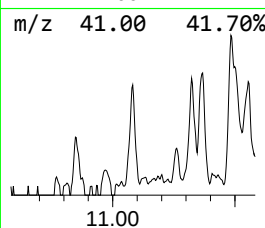
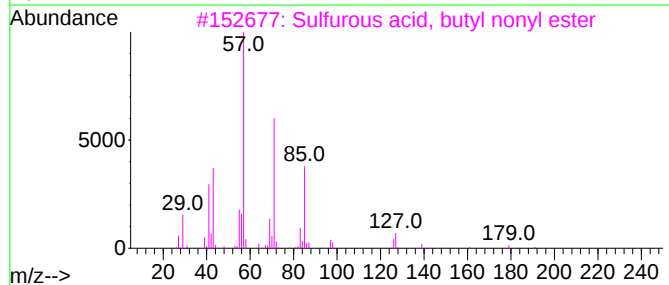
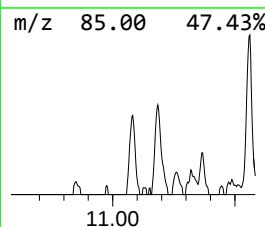
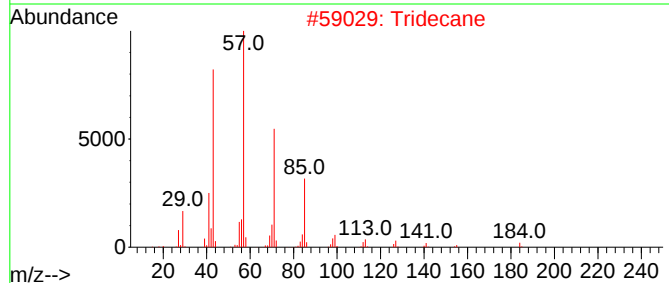
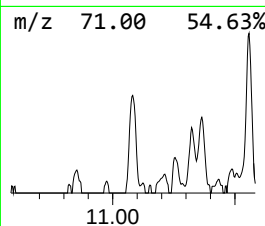
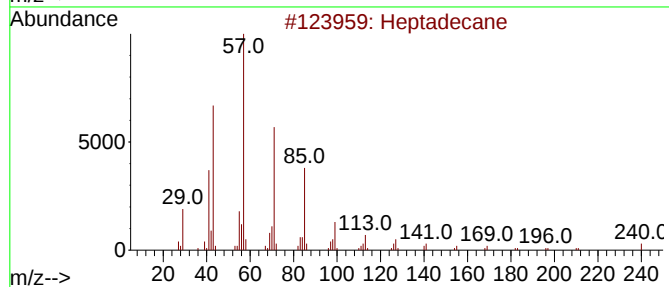
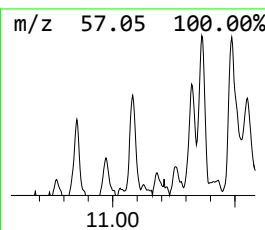
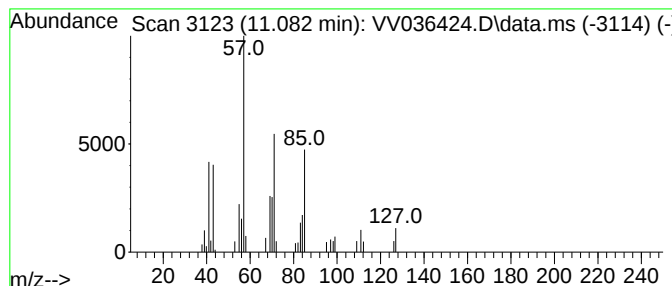
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.44 ug/L	23266	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	59
2		Tridecane	184	C13H28	000629-50-5	59
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	53
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50



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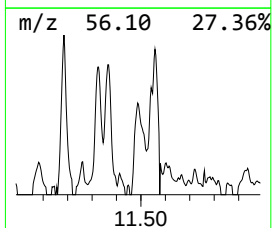
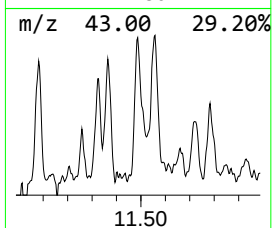
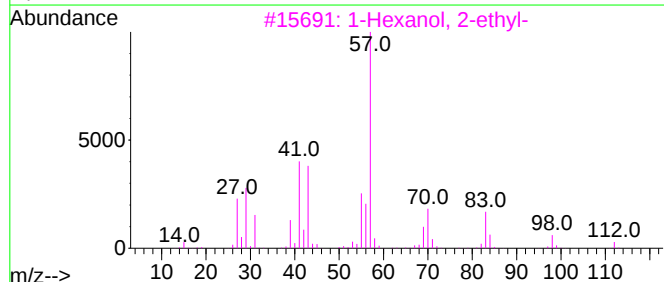
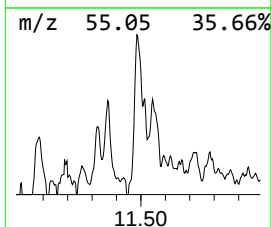
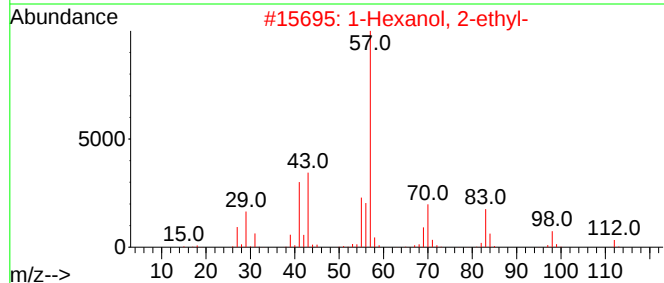
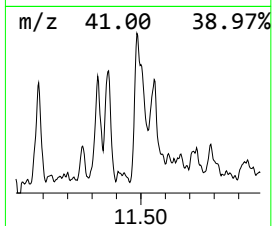
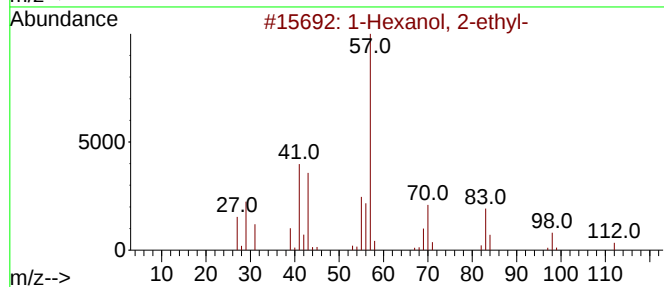
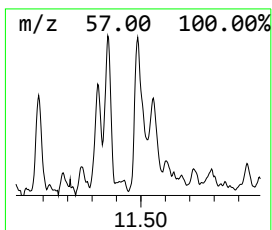
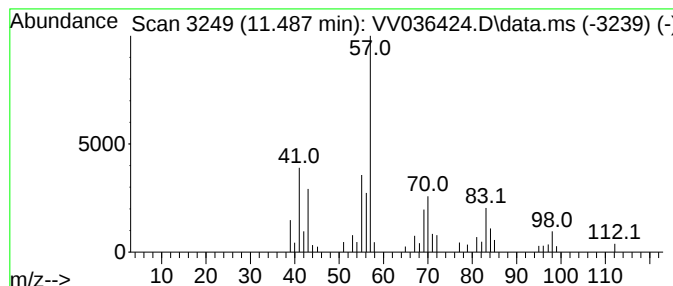
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	2.98 ug/L	48085	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	72
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol			130	C8H18O	058175-57-8	59



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Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	11.082	1.4	ug/L	23266	3	11.185	402787	25.0
1-Hexanol, 2-et...	11.487	3.0	ug/L	48085	3	11.185	402787	25.0