

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029755.D
 Acq On : 26 Jul 2024 16:39
 Operator : SY/MD
 Sample : P3361-07
 Misc : 8.48g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20N9

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_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029755.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	8	12	17	rBV	14279	20741	0.49%	0.217%
2	2.100	33	35	39	rVB2	1228	1493	0.04%	0.016%
3	2.173	42	47	50	rBV	4261	7461	0.18%	0.078%
4	2.369	67	79	106	rBV2	174680	498868	11.70%	5.224%
5	2.893	158	165	179	rBV	23599	71320	1.67%	0.747%
6	3.216	216	218	222	rBV4	777	1001	0.02%	0.010%
7	3.295	229	231	239	rVB7	1292	2399	0.06%	0.025%
8	3.387	241	246	252	rBV6	2242	5059	0.12%	0.053%
9	3.502	263	265	270	rBV5	391	610	0.01%	0.006%
10	3.667	289	292	298	rVB7	934	1620	0.04%	0.017%
11	3.740	300	304	309	rBV6	838	1874	0.04%	0.020%
12	3.819	315	317	320	rBV2	505	729	0.02%	0.008%
13	3.862	322	324	328	rVB4	614	694	0.02%	0.007%
14	4.033	340	352	362	rBV3	77321	290841	6.82%	3.046%
15	4.386	403	410	415	rBV2	5024	14413	0.34%	0.151%
16	4.588	440	443	447	rBV2	484	830	0.02%	0.009%
17	4.856	484	487	489	rBV	546	821	0.02%	0.009%
18	4.917	489	497	505	rBV5	5964	23161	0.54%	0.243%
19	5.094	525	526	530	rVB4	833	615	0.01%	0.006%
20	5.429	569	581	593	rVV	78869	239915	5.63%	2.512%
21	5.551	599	601	607	rVB4	808	1020	0.02%	0.011%
22	5.673	619	621	626	rVB3	865	1562	0.04%	0.016%
23	5.734	626	631	632	rBV3	841	1328	0.03%	0.014%
24	5.758	632	635	636	rBV2	773	668	0.02%	0.007%
25	5.880	653	655	656	rBV2	685	612	0.01%	0.006%
26	5.941	656	665	680	rVB8	2677	10218	0.24%	0.107%
27	6.880	815	819	820	rBV4	638	715	0.02%	0.007%
28	6.977	832	835	837	rBV3	814	1376	0.03%	0.014%
29	7.081	843	852	856	rBV	29932	75406	1.77%	0.790%
30	7.166	857	866	889	rVB	1636523	4262865	100.00%	44.642%
31	7.648	935	945	958	rBV	110278	291918	6.85%	3.057%
32	7.758	961	963	969	rVB7	759	1012	0.02%	0.011%
33	7.898	984	986	988	rBV3	624	775	0.02%	0.008%
34	7.935	990	992	996	rVB5	666	857	0.02%	0.009%
35	8.026	1001	1007	1008	rBV6	842	1348	0.03%	0.014%
36	8.154	1022	1028	1037	rVB8	2331	5913	0.14%	0.062%

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 Title : SFAM01.0

37	8.276	1037	1048	1066	rBV2	197380	612995	14.38%	6.419%
38	8.563	1090	1095	1105	rVB8	2818	7744	0.18%	0.081%
39	8.691	1112	1116	1120	rBV6	2000	3709	0.09%	0.039%
40	8.843	1132	1141	1153	rBV	285249	559208	13.12%	5.856%
41	9.093	1171	1182	1192	rBV2	274400	565119	13.26%	5.918%
42	9.270	1203	1211	1220	rBV	158342	331459	7.78%	3.471%
43	9.410	1232	1234	1238	rVB4	914	897	0.02%	0.009%
44	9.507	1248	1250	1255	rVB4	757	911	0.02%	0.010%
45	9.617	1265	1268	1271	rBV5	626	1077	0.03%	0.011%
46	9.672	1271	1277	1282	rBV6	1651	3741	0.09%	0.039%
47	9.855	1305	1307	1309	rBV3	771	840	0.02%	0.009%
48	9.885	1309	1312	1314	rBV3	577	674	0.02%	0.007%
49	9.953	1319	1323	1327	rVV6	1244	2159	0.05%	0.023%
50	10.032	1330	1336	1344	rVV	46067	85476	2.01%	0.895%
51	10.129	1347	1352	1359	rVV2	12849	26231	0.62%	0.275%
52	10.215	1362	1366	1369	rBV5	1267	1868	0.04%	0.020%
53	10.324	1374	1384	1392	rBV	183147	332526	7.80%	3.482%
54	10.385	1392	1394	1400	rVB4	3044	4878	0.11%	0.051%
55	10.507	1411	1414	1417	rVB4	1265	1602	0.04%	0.017%
56	10.574	1419	1425	1433	rVV	22196	40558	0.95%	0.425%
57	10.702	1442	1446	1450	rVB2	2955	4808	0.11%	0.050%
58	10.861	1466	1472	1476	rBV8	2688	5255	0.12%	0.055%
59	10.922	1476	1482	1493	rBV	82901	151563	3.56%	1.587%
60	11.178	1520	1524	1527	rBV4	722	940	0.02%	0.010%
61	11.233	1528	1533	1537	rVB7	1096	2048	0.05%	0.021%
62	11.282	1537	1541	1546	rVB8	958	1665	0.04%	0.017%
63	11.336	1546	1550	1553	rBV4	932	1255	0.03%	0.013%
64	11.367	1553	1555	1557	rBV3	727	843	0.02%	0.009%
65	11.410	1559	1562	1568	rVB6	1748	2796	0.07%	0.029%
66	11.458	1568	1570	1573	rVB3	786	680	0.02%	0.007%
67	11.507	1573	1578	1584	rVB7	803	2027	0.05%	0.021%
68	11.556	1584	1586	1588	rBV3	865	820	0.02%	0.009%
69	11.629	1591	1598	1611	rBV	233506	389697	9.14%	4.081%
70	11.733	1611	1615	1618	rBV4	1259	1630	0.04%	0.017%
71	11.830	1628	1631	1636	rVV6	2270	4065	0.10%	0.043%
72	11.922	1644	1646	1649	rVB4	722	600	0.01%	0.006%
73	12.166	1682	1686	1693	rVB8	1839	3904	0.09%	0.041%
74	12.239	1693	1698	1701	rBV7	977	1851	0.04%	0.019%
75	12.361	1708	1718	1726	rBV7	1859	4936	0.12%	0.052%
76	12.464	1729	1735	1740	rBV8	2640	5715	0.13%	0.060%

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 Title : SFAM01.0

77	12.519	1740	1744	1750	rVV3	7014	11749	0.28%	0.123%
78	12.598	1753	1757	1764	rBV2	4648	8007	0.19%	0.084%
79	12.690	1764	1772	1781	rVB	87064	146012	3.43%	1.529%
80	12.806	1790	1791	1794	rBV3	770	606	0.01%	0.006%
81	12.885	1797	1804	1808	rBV8	2907	6235	0.15%	0.065%
82	12.928	1808	1811	1814	rBV4	2176	3700	0.09%	0.039%
83	13.037	1825	1829	1835	rBV8	952	1887	0.04%	0.020%
84	13.110	1837	1841	1844	rVB6	1079	1723	0.04%	0.018%
85	13.165	1844	1850	1852	rBV5	753	1210	0.03%	0.013%
86	13.202	1854	1856	1859	rVB4	1651	1466	0.03%	0.015%
87	13.257	1861	1865	1867	rBV4	1337	1918	0.04%	0.020%
88	13.367	1879	1883	1885	rBV5	777	1251	0.03%	0.013%
89	13.397	1885	1888	1891	rVV5	1443	2341	0.05%	0.025%
90	13.464	1894	1899	1907	rVB8	4853	10976	0.26%	0.115%
91	13.556	1907	1914	1922	rBV	97853	166817	3.91%	1.747%
92	13.647	1924	1929	1934	rVB3	8024	13333	0.31%	0.140%
93	13.848	1955	1962	1971	rBV2	70924	125122	2.94%	1.310%
94	13.946	1976	1978	1981	rVB4	908	989	0.02%	0.010%
95	14.062	1993	1997	2004	rVB2	5080	8888	0.21%	0.093%
96	14.196	2013	2019	2020	rBV5	2192	3628	0.09%	0.038%
97	14.324	2035	2040	2047	rBV9	3235	7073	0.17%	0.074%
98	14.385	2048	2050	2053	rVV4	1385	1303	0.03%	0.014%
99	14.714	2101	2104	2109	rBV4	3276	5667	0.13%	0.059%
100	15.122	2167	2171	2174	rBV6	2210	4319	0.10%	0.045%

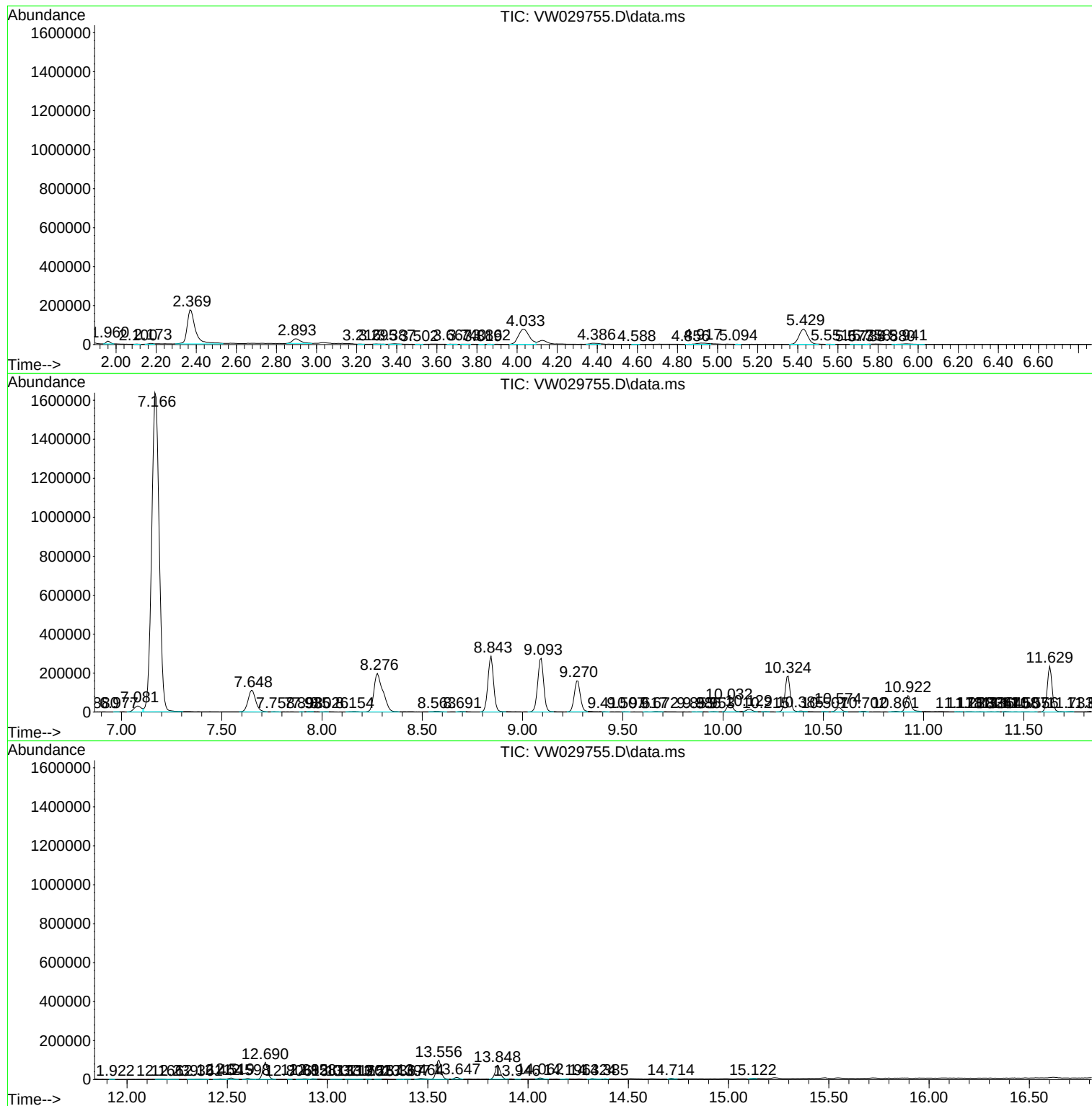
Sum of corrected areas: 9549048

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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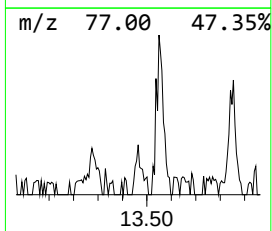
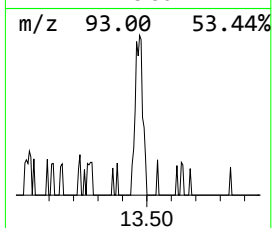
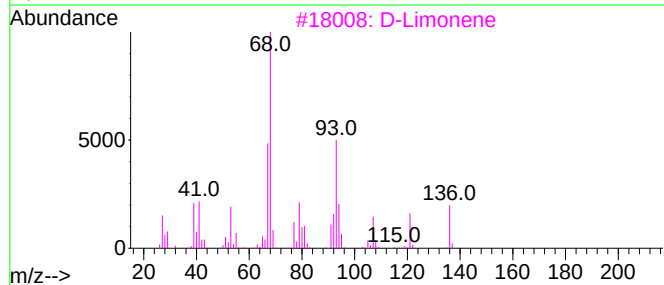
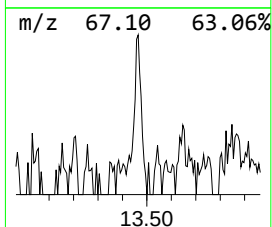
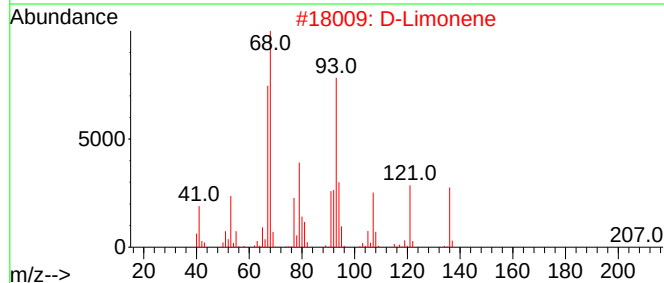
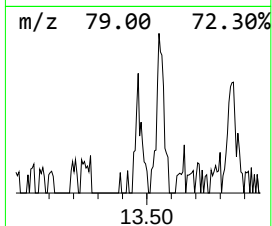
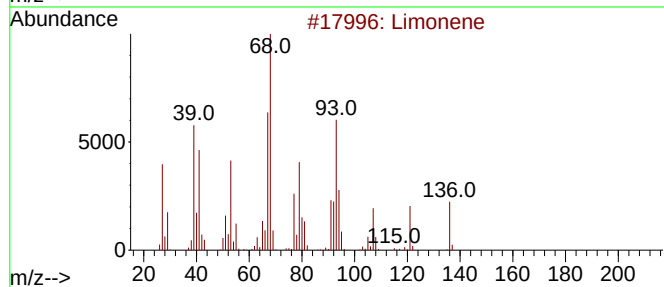
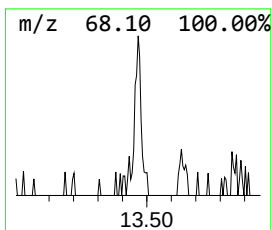
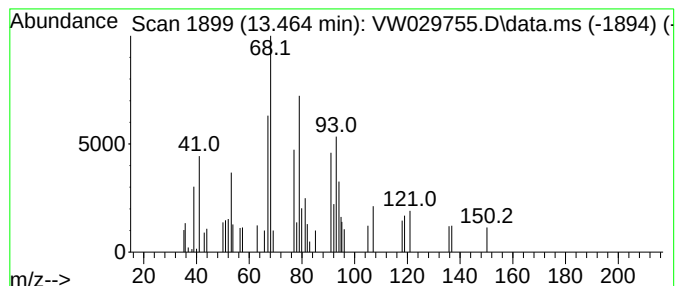
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	1.64 ug/L	10976	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Limonene	136	C10H16	000138-86-3	93
2			D-Limonene	136	C10H16	005989-27-5	64
3			D-Limonene	136	C10H16	005989-27-5	62
4			Limonene	136	C10H16	000138-86-3	60
5			Limonene	136	C10H16	000138-86-3	58



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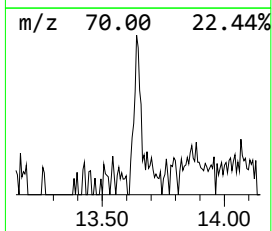
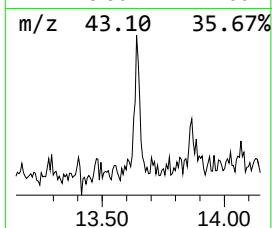
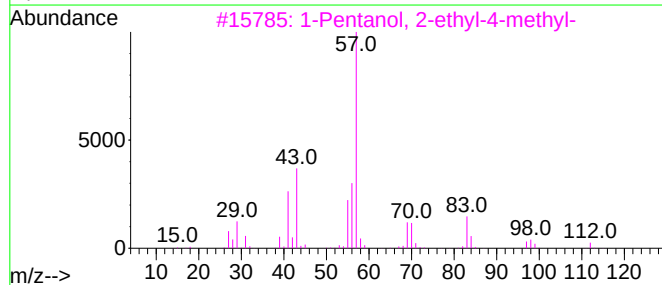
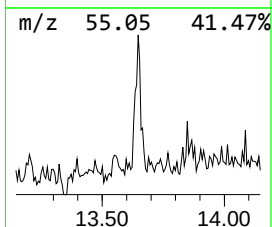
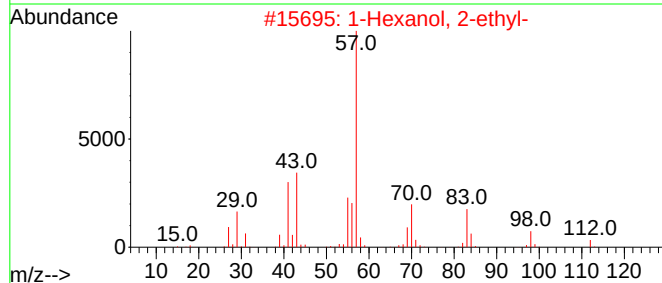
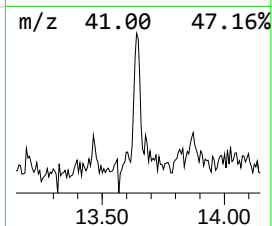
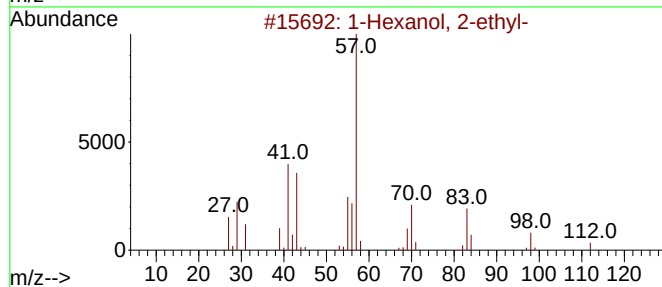
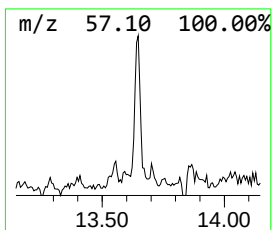
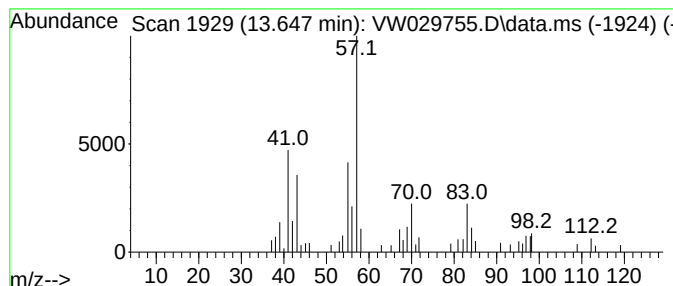
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.647	2.00 ug/L	13333	1,4-Dichlorobenzene-d4	13.556

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-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5		Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

Limonene	13.464	1.6	ug/L	10976	3	13.556	166817	25.0
1-Hexanol, 2-et...	13.647	2.0	ug/L	13333	3	13.556	166817	25.0