LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
Data File : VW005791.D
Acq On : 02 Oct 2018 23:00
Operator : SY/AP
Sample : J5182-04
Misc : 3.85G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC53

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\SOM2WLM092818S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	39	41	44	rBV3	962	1121	0.15%	0.018%
2	2.361	65	75	86	rBV	31693	71445	9.59%	1.151%
3	2.544	103	105	108	rVB3	918	564	0.08%	0.009%
4	2.696	128	130	131	rVB	858	360	0.05%	0.006%
5	2.715	131	133	134	rBV2	832	674	0.09%	0.011%
6	2.892	154	162	174	rBV	24732	70604	9.48%	1.137%
7	3.154	203	205	207	rBV2	691	733	0.10%	0.012%
8	3.373	239	241	242	rBV2	707	371	0.05%	0.006%
9	3.562	270	272	273	rBV2	682	351	0.05%	0.006%
10	3.580	273	275	276	rBV2	623	512	0.07%	0.008%
11	3.849	315	319	320	rBV2	610	675	0.09%	0.011%
12	3.922	330	331	334	rVB2	484	416	0.06%	0.007%
13	4.013	336	346	361	rBV2	58040	194917	26.18%	3.140%
14	4.312	393	395	399	rVB3	335	364	0.05%	0.006%
15	4.385	401	407	408	rBV3	335	468	0.06%	0.008%
16	4.434	413	415	419	rVV3	280	387	0.05%	0.006%
17	4.696	456	458	461	rVB3	227	284	0.04%	0.005%
18	4.922	481	495	509	rBV3	13679	53660	7.21%	0.864%
19	5.172	532	536	537	rBV3	263	316	0.04%	0.005%
20	5.184	537	538	540	rBV	432	373	0.05%	0.006%
21	5.422	575	577	580	rVB	357	391	0.05%	0.006%
22	5.458	580	583	585	rBV3	225	319	0.04%	0.005%
23	5.568	597	601	603	rBV2	330	490	0.07%	0.008%
24	5.739	627	629	630	rBV	490	423	0.06%	0.007%
25	5.812	638	641	644	rBV2	283	408	0.05%	0.007%
26	5.854	644	648	650	rVV3	214	315	0.04%	0.005%
27	5.934	650	661	674	rVB2	22189	66247	8.90%	1.067%
28	6.129	691	693	695	rVB2	286	292	0.04%	0.005%
29	6.214	704	707	708	rBV2	245	277	0.04%	0.004%
30	6.671	781	782	787	rVB2	342	443	0.06%	0.007%
31	6.714	787	789	792	rBV	333	436	0.06%	0.007%
32	6.988	833	834	839	rVB	410	520	0.07%	0.008%
33	7.086	839	850	856	rBV	27984	77294	10.38%	1.245%
34	7.153	857	861	875	rVB2	21427	54707	7.35%	0.881%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC53

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Title : VOC Analysis

35	7.543	922	925	926	rVV2	510	377	0.05%	0.006%
36	7.653	932	943	956	rVV	132578	324177	43.54%	5.222%
37	8.122	1015	1020	1021	rBV2	212	353	0.05%	0.006%
38	8.281	1034	1046	1064	rVV2	234923	744631	100.00%	11.995%
39	8.397	1064	1065	1070	rVB2	460	344	0.05%	0.006%
40	8.482	1075	1079	1081	rVB2	427	406	0.05%	0.007%
41	8.531	1084	1087	1090	rBV2	224	288	0.04%	0.005%
42	8.567	1090	1093	1096	rBV2	266	370	0.05%	0.006%
43	8.634	1101	1104	1106	rVB	303	323	0.04%	0.005%
44	8.695	1110	1114	1117	rVB2	325	350	0.05%	0.006%
45	8.848	1130	1139	1149	rBV	273301	525325	70.55%	8.463%
46	9.079	1168	1177	1182	rBV5	2358	5459	0.73%	0.088%
47	9.159	1187	1190	1193	rVB2	425	367	0.05%	0.006%
48	9.275	1201	1209	1219	rBV	172728	350201	47.03%	5.641%
49	9.604	1260	1263	1264	rBV	333	345	0.05%	0.006%
50	9.659	1268	1272	1282	rVB4	957	1889	0.25%	0.030%
51	9.762	1282	1289	1295	rBV6	2121	4251	0.57%	0.068%
52	9.896	1304	1311	1320	rVB3	5257	11738	1.58%	0.189%
53	9.988	1323	1326	1327	rBV2	580	475	0.06%	0.008%
54	10.037	1327	1334	1343	rBV	94339	169044	22.70%	2.723%
55	10.128	1345	1349	1354	rVB5	819	1289	0.17%	0.021%
56	10.219	1358	1364	1365	rBV2	828	1413	0.19%	0.023%
57	10.250	1365	1369	1373	rVB3	1792	2901	0.39%	0.047%
58	10.329	1374	1382	1390	rBV	331307	586120	78.71%	9.442%
59	10.585	1416	1424	1432	rBV	66578	117574	15.79%	1.894%
60	10.713	1438	1445	1452	rVB	16904	29636	3.98%	0.477%
61	10.780	1452	1456	1460	rBV3	547	985	0.13%	0.016%
62	10.847	1463	1467	1472	rVB5	803	1334	0.18%	0.021%
63	10.927	1472	1480	1492	rBV	118879	206240	27.70%	3.322%
64	11.067	1498	1503	1512	rVB2	25209	40338	5.42%	0.650%
65	11.183	1517	1522	1524	rBV4	1374	2010	0.27%	0.032%
66	11.445	1556	1565	1570	rVB2	9888	17163	2.30%	0.276%
67	11.542	1578	1581	1583	rBV2	267	327	0.04%	0.005%
68	11.634	1588	1596	1610	rBV	436196	724629	97.31%	11.673%
69	11.841	1624	1630	1634	rBV2	833	1419	0.19%	0.023%
70	11.884	1634	1637	1640	rVB3	421	484	0.06%	0.008%
71	12.189	1679	1687	1689	rVV5	752	1238	0.17%	0.020%

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Instrument : MSVOA_W
ClientSampleId : JLC53

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Title : VOC Analysis

72	12.304	1704	1706	1710	rVB2	328	458	0.06%	0.007%
73	12.469	1730	1733	1738	rBV4	813	1114	0.15%	0.018%
74	12.536	1742	1744	1750	rVB3	408	456	0.06%	0.007%
75	12.615	1750	1757	1764	rBV	28661	46590	6.26%	0.751%
76	12.701	1764	1771	1778	rBV	174956	294631	39.57%	4.746%
77	12.865	1795	1798	1799	rVV3	382	392	0.05%	0.006%
78	12.896	1801	1803	1806	rVV4	1237	1740	0.23%	0.028%
79	12.939	1806	1810	1815	rVB2	6191	8662	1.16%	0.140%
80	13.036	1823	1826	1827	rBV2	614	603	0.08%	0.010%
81	13.085	1830	1834	1835	rBV3	662	799	0.11%	0.013%
82	13.152	1843	1845	1847	rBV3	416	366	0.05%	0.006%
83	13.304	1867	1870	1875	rVB2	4479	6941	0.93%	0.112%
84	13.566	1906	1913	1920	rBV	401114	643883	86.47%	10.372%
85	13.652	1922	1927	1935	rVB	20569	34255	4.60%	0.552%
86	13.859	1954	1961	1968	rBV	389690	630502	84.67%	10.157%
87	14.079	1993	1997	2004	rBV	14048	21420	2.88%	0.345%
88	15.450	2219	2222	2226	rVB3	3253	4040	0.54%	0.065%
89	15.511	2226	2232	2240	rVB	15822	27564	3.70%	0.444%
90	15.956	2301	2305	2308	rBV4	629	1145	0.15%	0.018%
91	16.011	2312	2314	2315	rBV2	469	288	0.04%	0.005%
92	16.029	2315	2317	2319	rVB2	557	345	0.05%	0.006%
93	16.127	2331	2333	2335	rBV3	482	384	0.05%	0.006%
94	16.170	2339	2340	2343	rBV3	353	373	0.05%	0.006%
95	16.267	2354	2356	2358	rBV3	587	568	0.08%	0.009%
96	16.359	2368	2371	2372	rBV2	587	542	0.07%	0.009%
97	16.377	2372	2374	2375	rVB	656	429	0.06%	0.007%
98	16.395	2375	2377	2380	rBV4	380	593	0.08%	0.010%
99	16.523	2396	2398	2405	rVB5	812	1192	0.16%	0.019%
100	16.584	2406	2408	2410	rBV3	429	410	0.06%	0.007%

Sum of corrected areas: 6207655

LSC Report - Integrated Chromatogram

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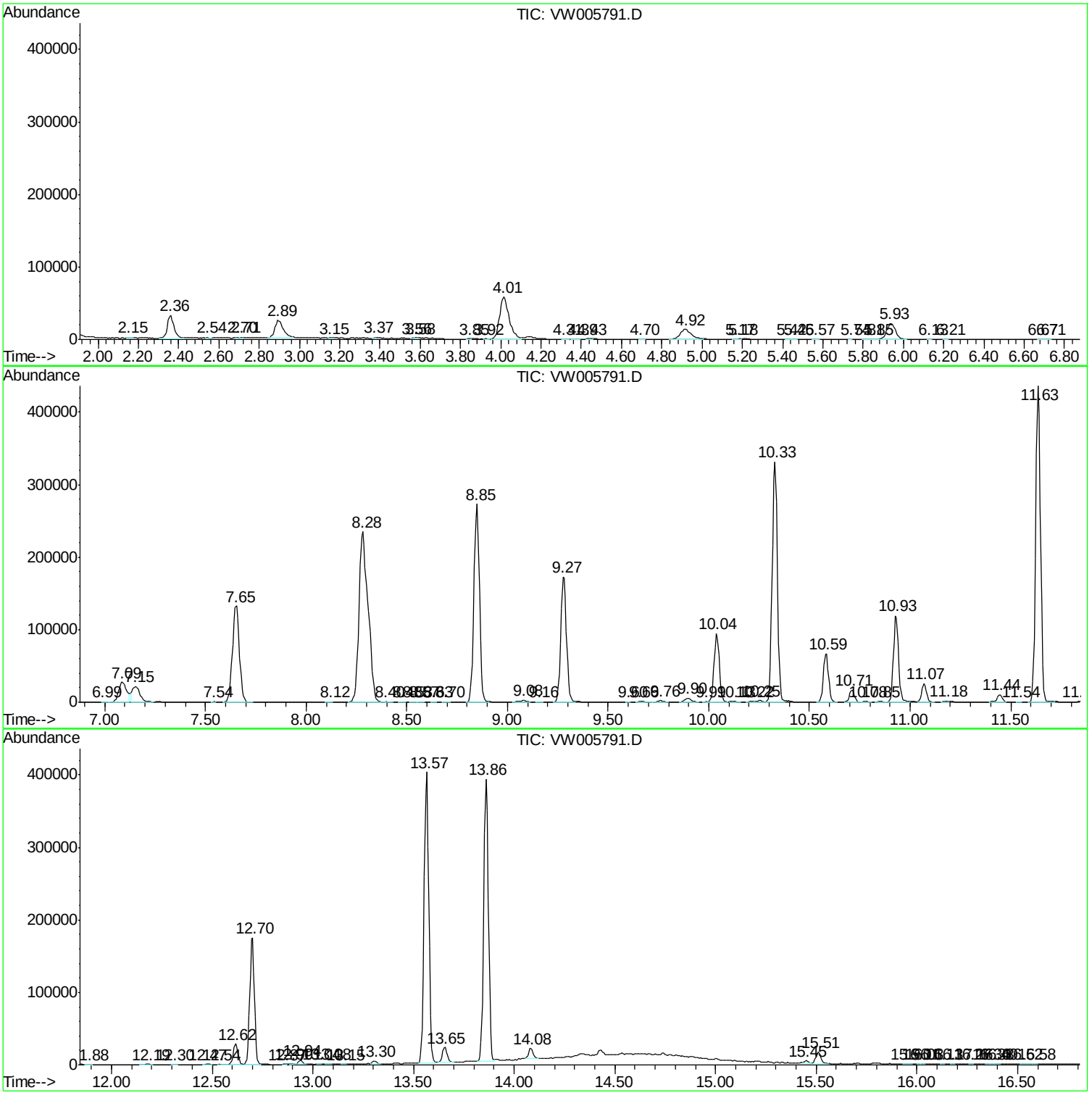
Instrument : MSVOA_W
ClientSampleId : JLC53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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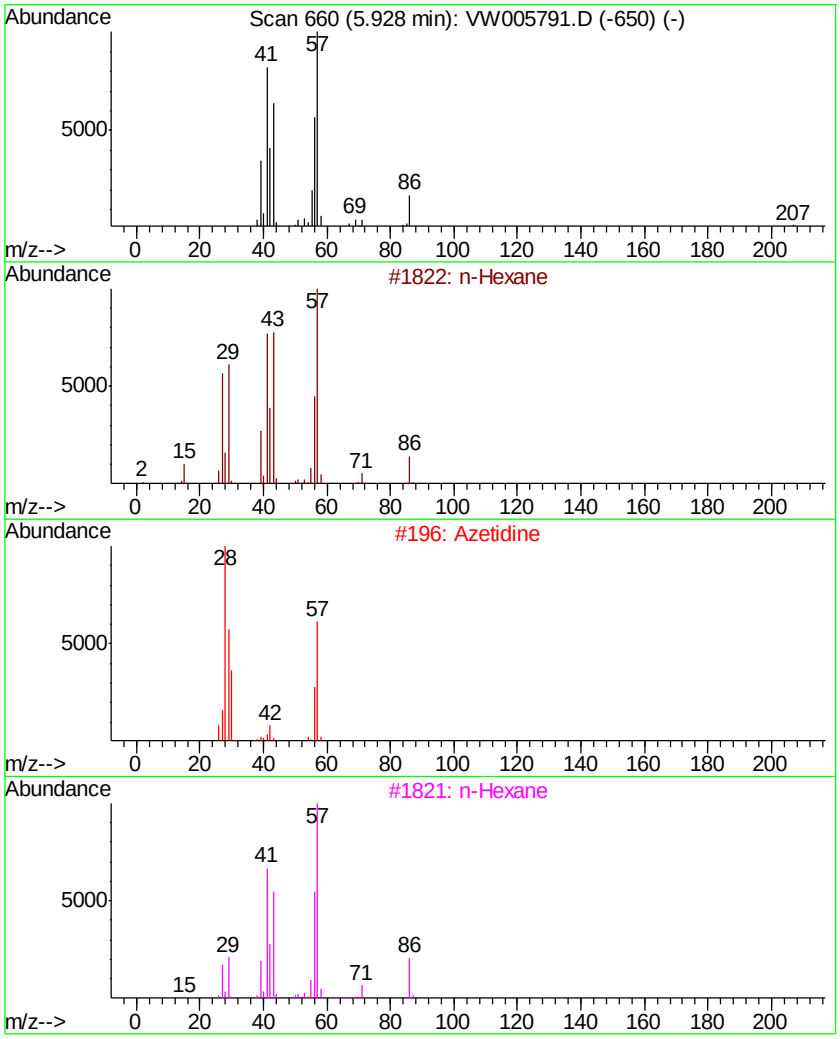
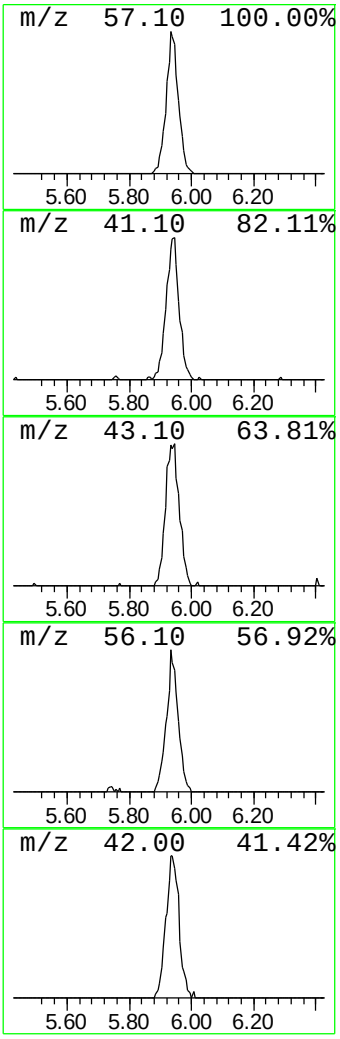
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.15 ug/L	66247	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	Azetidine	57	C3H7N	000503-29-7	58
3	n-Hexane	86	C6H14	000110-54-3	53
4	n-Hexane	86	C6H14	000110-54-3	53
5	1-Hexene	84	C6H12	000592-41-6	50





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TIC Library : C:\DATABASE\NIST11.L
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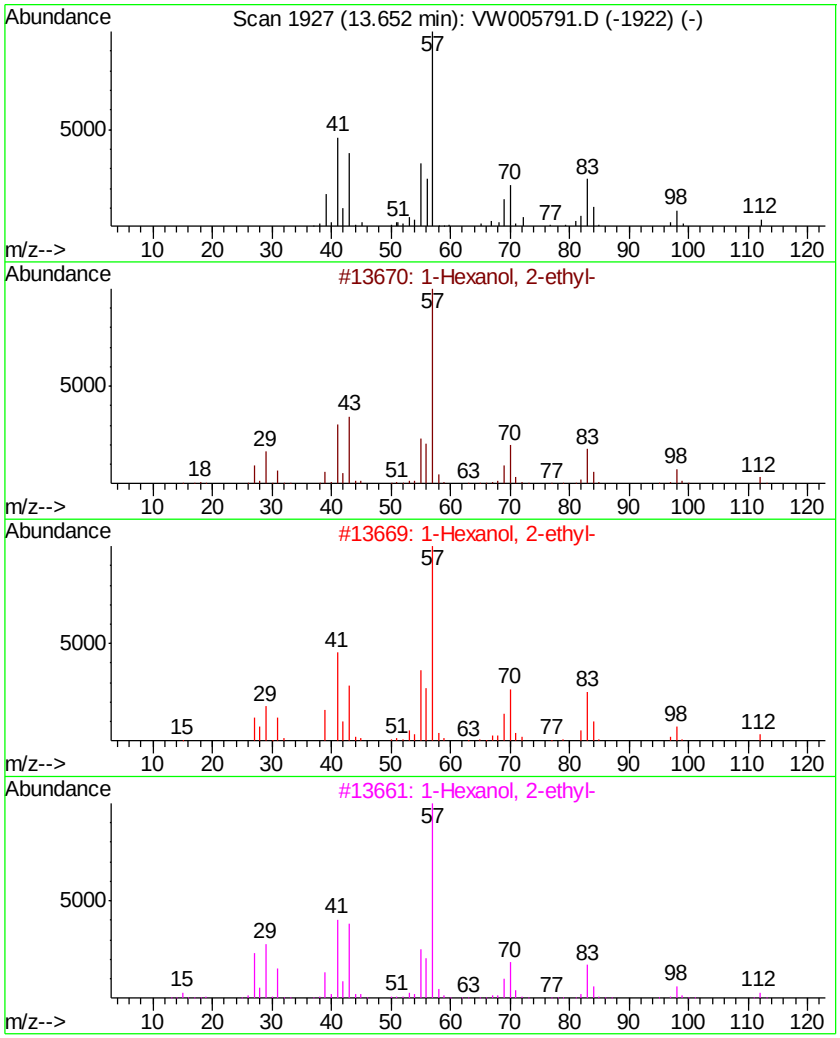
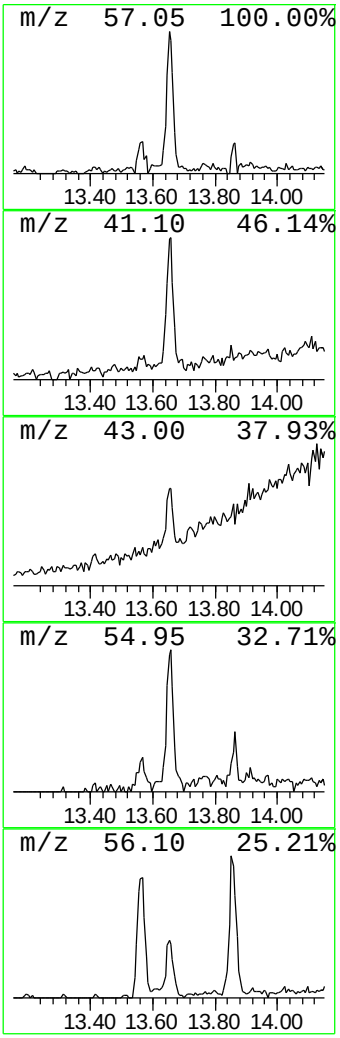
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.33 ug/L	34255	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
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	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	5.93	3.1	ug/L	66247	1	8.85	525325	25.0
1-Hexanol, 2-ethyl-	13.65	1.3	ug/L	34255	3	13.57	643883	25.0