LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
Data File : VW013830.D
Acq On : 30 Oct 2019 12:00
Operator : SY/VA
Sample : K5565-10RE
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6RE

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\SOM2WLM101819S.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	2.349	68	73	79	rVB	42485	68121	13.18%	1.690%
2	2.885	154	161	170	rBV	29043	63895	12.36%	1.585%
3	3.275	224	225	227	rBV	413	350	0.07%	0.009%
4	3.318	230	232	234	rVB	405	268	0.05%	0.007%
5	3.471	255	257	260	rBV2	407	421	0.08%	0.010%
6	3.532	260	267	272	rBV4	1537	3659	0.71%	0.091%
7	3.861	317	321	323	rVB	435	427	0.08%	0.011%
8	4.007	335	345	358	rVB	71504	188092	36.39%	4.665%
9	4.123	358	364	368	rBV3	1300	2331	0.45%	0.058%
10	4.275	388	389	393	rVB	515	459	0.09%	0.011%
11	4.379	400	406	407	rBV3	1004	1621	0.31%	0.040%
12	4.550	431	434	437	rVB2	238	303	0.06%	0.008%
13	4.598	440	442	444	rBV2	325	271	0.05%	0.007%
14	4.763	467	469	471	rBV2	290	318	0.06%	0.008%
15	4.903	483	492	493	rBV4	4670	8144	1.58%	0.202%
16	5.147	531	532	534	rBV2	486	415	0.08%	0.010%
17	5.397	571	573	575	rBV	294	245	0.05%	0.006%
18	5.440	578	580	582	rBV2	334	347	0.07%	0.009%
19	5.610	606	608	611	rBV2	303	250	0.05%	0.006%
20	5.665	615	617	620	rBV	221	341	0.07%	0.008%
21	5.940	653	662	673	rVB4	6650	19263	3.73%	0.478%
22	6.147	692	696	699	rVB2	289	368	0.07%	0.009%
23	6.238	710	711	715	rVV2	218	234	0.05%	0.006%
24	6.324	723	725	729	rVB2	390	580	0.11%	0.014%
25	6.372	729	733	736	rBV2	392	561	0.11%	0.014%
26	6.433	741	743	746	rBV3	213	259	0.05%	0.006%
27	6.683	782	784	786	rVB2	298	276	0.05%	0.007%
28	6.708	786	788	790	rBV	326	363	0.07%	0.009%
29	6.836	805	809	811	rVB2	330	246	0.05%	0.006%
30	6.909	819	821	823	rBV	316	379	0.07%	0.009%
31	6.982	831	833	835	rVB2	313	292	0.06%	0.007%
32	7.000	835	836	837	rBV	424	236	0.05%	0.006%
33	7.080	841	849	852	rBV	13235	33254	6.43%	0.825%
34	7.348	891	893	895	rBV	429	400	0.08%	0.010%

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Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6RE

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\SOM2WLM101819S.M
Title : VOC Analysis

35	7.555	925	927	928	rBV3	313	230	0.04%	0.006%
36	7.647	932	942	954	rVV	83562	210268	40.68%	5.215%
37	7.994	997	999	1003	rVB2	307	369	0.07%	0.009%
38	8.073	1010	1012	1016	rVV	399	398	0.08%	0.010%
39	8.275	1034	1045	1062	rBV3	174168	516895	100.00%	12.820%
40	8.415	1067	1068	1070	rBV2	383	278	0.05%	0.007%
41	8.671	1107	1110	1112	rVB2	320	345	0.07%	0.009%
42	8.774	1123	1127	1130	rBV2	240	423	0.08%	0.010%
43	8.842	1130	1138	1150	rVV	166933	328869	63.62%	8.157%
44	9.037	1165	1170	1175	rBV6	2030	4207	0.81%	0.104%
45	9.183	1191	1194	1198	rVB2	407	506	0.10%	0.013%
46	9.274	1200	1209	1220	rBV	115408	233800	45.23%	5.799%
47	9.579	1257	1259	1262	rBV3	289	441	0.09%	0.011%
48	9.793	1293	1294	1299	rBV	208	251	0.05%	0.006%
49	10.036	1326	1334	1344	rBV	59841	110585	21.39%	2.743%
50	10.256	1367	1370	1374	rBV2	241	378	0.07%	0.009%
51	10.323	1374	1381	1389	rBV	248064	444577	86.01%	11.027%
52	10.579	1416	1423	1430	rBV	39186	68123	13.18%	1.690%
53	10.707	1436	1444	1451	rVB	37131	66575	12.88%	1.651%
54	10.859	1465	1469	1474	rBV3	2324	3464	0.67%	0.086%
55	10.927	1474	1480	1496	rVV	54011	92926	17.98%	2.305%
56	11.067	1497	1503	1512	rVV2	16416	28954	5.60%	0.718%
57	11.439	1556	1564	1571	rBV3	8490	14910	2.88%	0.370%
58	11.634	1588	1596	1609	rBV	241527	419837	81.22%	10.413%
59	11.756	1614	1616	1619	rVB2	497	478	0.09%	0.012%
60	11.811	1621	1625	1626	rBV2	432	391	0.08%	0.010%
61	11.841	1626	1630	1632	rBV5	1610	2176	0.42%	0.054%
62	11.939	1643	1646	1647	rBV	261	236	0.05%	0.006%
63	12.000	1655	1656	1660	rVB2	429	333	0.06%	0.008%
64	12.073	1666	1668	1670	rVB2	354	253	0.05%	0.006%
65	12.176	1680	1685	1690	rBV5	1280	2415	0.47%	0.060%
66	12.341	1710	1712	1716	rBV	772	882	0.17%	0.022%
67	12.396	1719	1721	1723	rVB3	541	496	0.10%	0.012%
68	12.469	1730	1733	1738	rVB4	1784	2285	0.44%	0.057%
69	12.609	1750	1756	1762	rVB	47538	76848	14.87%	1.906%
70	12.695	1763	1770	1777	rVB	84623	146145	28.27%	3.625%
71	12.859	1794	1797	1800	rBV4	519	739	0.14%	0.018%

LSC Area Percent Report

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Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6RE

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\SOM2WLM101819S.M
Title : VOC Analysis

72	12.884	1800	1801	1804	rBV3	595	636	0.12%	0.016%
73	12.932	1805	1809	1814	rVB3	6699	9843	1.90%	0.244%
74	13.042	1821	1827	1830	rBV4	1244	1673	0.32%	0.041%
75	13.085	1830	1834	1838	rVB3	1019	1533	0.30%	0.038%
76	13.170	1844	1848	1850	rBV2	680	768	0.15%	0.019%
77	13.194	1850	1852	1855	rVB2	891	624	0.12%	0.015%
78	13.249	1859	1861	1864	rBV2	682	943	0.18%	0.023%
79	13.298	1865	1869	1877	rVB3	5840	9183	1.78%	0.228%
80	13.365	1877	1880	1883	rBV2	373	551	0.11%	0.014%
81	13.408	1883	1887	1890	rVB2	1198	1652	0.32%	0.041%
82	13.469	1894	1897	1901	rBV5	2168	2856	0.55%	0.071%
83	13.505	1901	1903	1905	rBV2	1052	1232	0.24%	0.031%
84	13.560	1905	1912	1918	rVV	254241	417071	80.69%	10.344%
85	13.652	1922	1927	1934	rVB	16242	25556	4.94%	0.634%
86	13.768	1941	1946	1948	rBV3	2032	3068	0.59%	0.076%
87	13.853	1954	1960	1967	rBV	203835	331139	64.06%	8.213%
88	14.011	1983	1986	1987	rBV2	898	817	0.16%	0.020%
89	14.072	1991	1996	2003	rVB	12073	20409	3.95%	0.506%
90	14.200	2014	2017	2018	rBV2	550	653	0.13%	0.016%
91	14.328	2032	2038	2041	rBV6	1805	3629	0.70%	0.090%
92	14.517	2067	2069	2072	rBV3	652	797	0.15%	0.020%
93	14.621	2084	2086	2089	rBV2	551	570	0.11%	0.014%
94	14.725	2097	2103	2108	rBV6	954	2198	0.43%	0.055%
95	14.847	2121	2123	2125	rVB2	732	381	0.07%	0.009%
96	15.060	2156	2158	2159	rBV	619	337	0.07%	0.008%
97	15.310	2197	2199	2200	rBV	653	471	0.09%	0.012%
98	15.438	2215	2220	2226	rVB2	8894	13402	2.59%	0.332%
99	16.554	2401	2403	2407	rBV4	952	1123	0.22%	0.028%
100	16.773	2437	2439	2441	rBV2	1037	434	0.08%	0.011%

Sum of corrected areas: 4031824

LSC Report - Integrated Chromatogram

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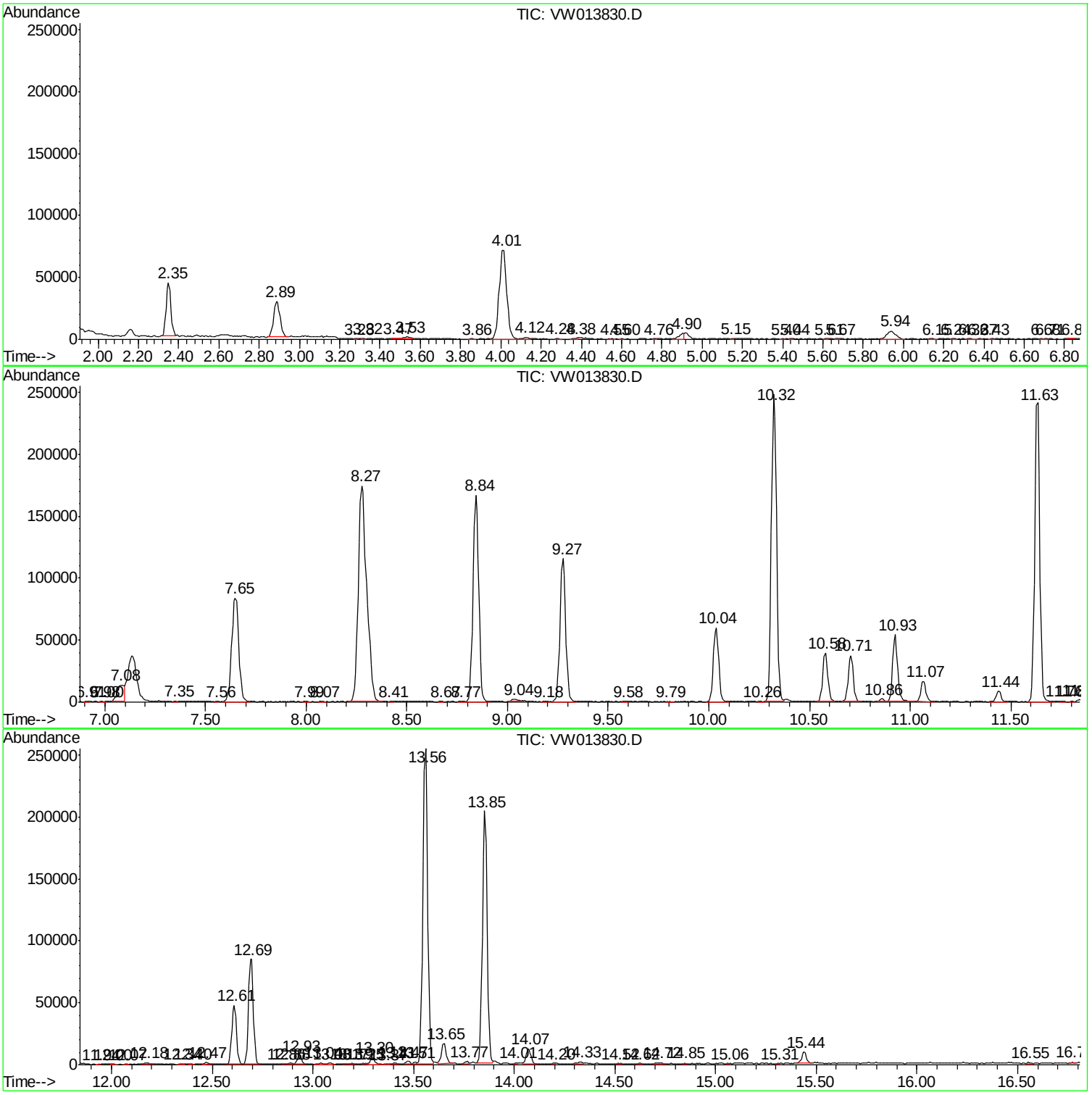
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
Data File : VW013830.D
Acq On : 30 Oct 2019 12:00
Operator : SY/VA
Sample : K5565-10RE
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

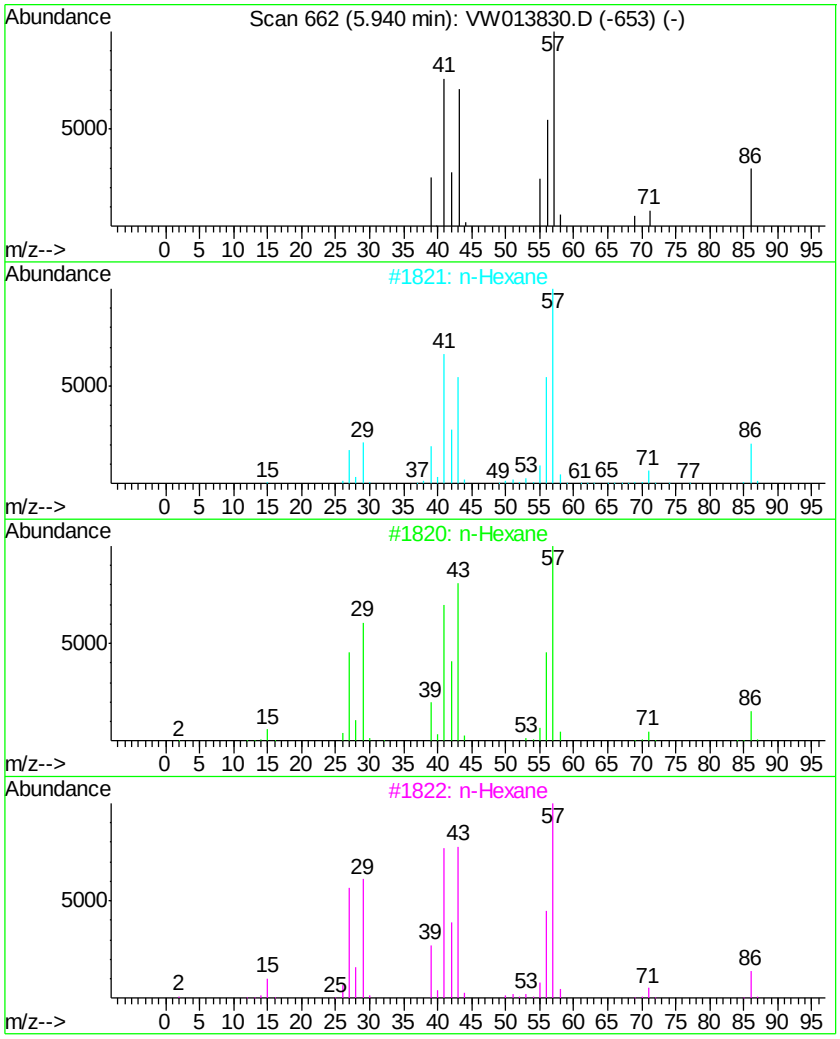
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

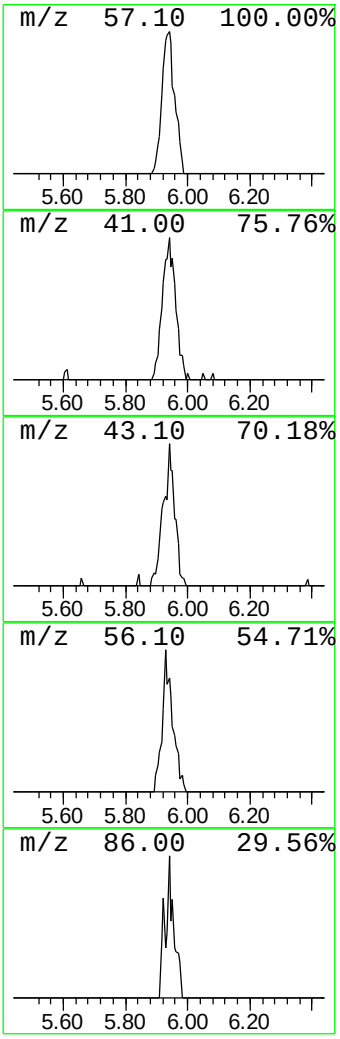
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.46 ug/L	19263	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	50
3	n-Hexane	86	C6H14	000110-54-3	50
4	Tetrahydropyran	86	C5H10O	000142-68-7	38
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

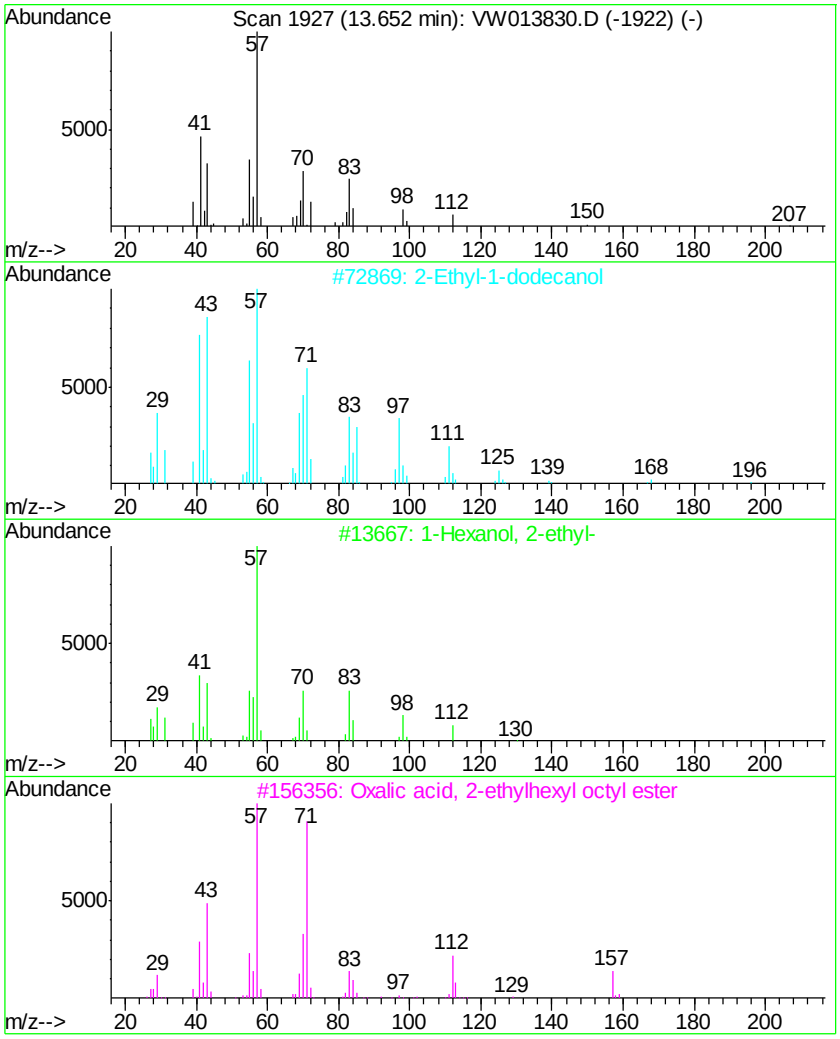
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

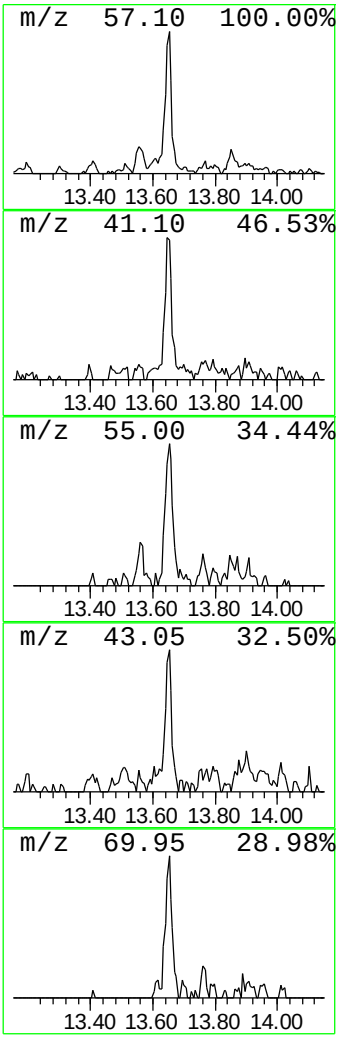
****

Peak Number 6 2-Ethyl-1-dodecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.53 ug/L	25556	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	53
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	5.94	1.5	ug/L	19263	1	8.84	328869	25.0
2-Ethyl-1-dodecanol	13.65	1.5	ug/L	25556	3	13.56	417071	25.0