LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033117.D
Acq On : 01 Jul 2019 15:53
Operator : JC/SP
Sample : K3599-04
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM13

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_U\METHOD\SOMULM061719WMA.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	1.286	55	61	68	rBV	25281	27009	3.05%	0.379%
2	1.389	86	93	112	rVB	74909	96647	10.92%	1.356%
3	1.566	131	148	149	rBV4	17720	35699	4.03%	0.501%
4	1.637	165	170	186	rVB	59831	67378	7.61%	0.945%
5	2.222	341	352	368	rVB	183688	278358	31.44%	3.905%
6	2.380	398	401	403	rBV2	426	231	0.03%	0.003%
7	2.527	441	447	448	rBV2	315	300	0.03%	0.004%
8	2.675	487	493	496	rBV4	927	998	0.11%	0.014%
9	2.830	529	541	544	rBV3	1052	1828	0.21%	0.026%
10	2.961	580	582	584	rBV	335	198	0.02%	0.003%
11	2.994	588	592	595	rVB2	610	460	0.05%	0.006%
12	3.013	596	598	601	rBV2	229	172	0.02%	0.002%
13	3.051	607	610	615	rVB2	193	169	0.02%	0.002%
14	3.177	646	649	655	rVB3	384	343	0.04%	0.005%
15	3.209	655	659	662	rBV2	230	164	0.02%	0.002%
16	3.363	702	707	709	rBV2	352	235	0.03%	0.003%
17	3.383	709	713	717	rVB2	281	183	0.02%	0.003%
18	3.453	734	735	741	rVB2	292	192	0.02%	0.003%
19	3.482	741	744	746	rBV2	316	177	0.02%	0.002%
20	3.617	783	786	790	rBV	321	297	0.03%	0.004%
21	3.746	821	826	828	rVB2	314	233	0.03%	0.003%
22	3.814	843	847	851	rVB2	196	165	0.02%	0.002%
23	3.836	851	854	858	rBV2	209	235	0.03%	0.003%
24	4.016	905	910	915	rBV3	232	225	0.03%	0.003%
25	4.190	952	964	989	rBV	61724	219194	24.76%	3.075%
26	4.633	1085	1102	1135	rBV	145408	365559	41.29%	5.128%
27	4.807	1152	1156	1157	rBV	427	238	0.03%	0.003%
28	4.865	1171	1174	1177	rBV	435	326	0.04%	0.005%
29	5.077	1237	1240	1245	rVB2	254	184	0.02%	0.003%
30	5.322	1294	1316	1343	rBV2	309497	885430	100.00%	12.420%
31	5.460	1357	1359	1363	rVB2	363	191	0.02%	0.003%
32	5.633	1411	1413	1418	rVB3	542	332	0.04%	0.005%
33	5.730	1439	1443	1446	rVB2	232	192	0.02%	0.003%
34	5.875	1474	1488	1521	rBV	256804	536105	60.55%	7.520%

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM13

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_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

35	6.167	1568	1579	1592	rVB4	5218	11321	1.28%	0.159%
36	6.257	1601	1607	1609	rBV3	419	428	0.05%	0.006%
37	6.321	1613	1627	1656	rBV	195048	409549	46.25%	5.745%
38	6.434	1657	1662	1665	rBV4	403	339	0.04%	0.005%
39	6.479	1675	1676	1681	rVB3	258	186	0.02%	0.003%
40	6.604	1711	1715	1721	rBV3	336	480	0.05%	0.007%
41	6.701	1741	1745	1748	rBV2	449	341	0.04%	0.005%
42	6.743	1753	1758	1759	rBV2	343	258	0.03%	0.004%
43	6.765	1759	1765	1768	rBV2	283	260	0.03%	0.004%
44	6.810	1773	1779	1783	rVB3	294	374	0.04%	0.005%
45	6.878	1783	1800	1809	rBV8	1999	5262	0.59%	0.074%
46	7.145	1878	1883	1885	rBV2	223	238	0.03%	0.003%
47	7.157	1885	1887	1894	rVB2	230	241	0.03%	0.003%
48	7.222	1894	1907	1935	rBV	101628	202793	22.90%	2.845%
49	7.392	1957	1960	1961	rBV	525	297	0.03%	0.004%
50	7.495	1989	1992	1995	rBV	190	191	0.02%	0.003%
51	7.556	1998	2011	2033	rBV	381522	680370	76.84%	9.544%
52	7.701	2052	2056	2057	rBV2	331	235	0.03%	0.003%
53	7.727	2061	2064	2069	rVB3	261	192	0.02%	0.003%
54	7.778	2079	2080	2086	rVB	429	254	0.03%	0.004%
55	7.846	2089	2101	2127	rVV	70326	141943	16.03%	1.991%
56	8.055	2163	2166	2169	rBV2	299	191	0.02%	0.003%
57	8.080	2169	2174	2180	rBV2	267	398	0.04%	0.006%
58	8.112	2182	2184	2189	rVB2	206	165	0.02%	0.002%
59	8.222	2211	2218	2226	rVB3	3249	4661	0.53%	0.065%
60	8.321	2236	2249	2290	rBV	223565	504682	57.00%	7.079%
61	8.537	2313	2316	2318	rBV3	298	196	0.02%	0.003%
62	8.720	2370	2373	2376	rVB2	352	218	0.02%	0.003%
63	8.791	2392	2395	2398	rBV2	240	175	0.02%	0.002%
64	8.842	2407	2411	2417	rVB4	401	385	0.04%	0.005%
65	9.087	2474	2487	2505	rBV	392317	703621	79.47%	9.870%
66	9.379	2571	2578	2582	rBV2	453	588	0.07%	0.008%
67	9.437	2589	2596	2603	rBV5	5809	8813	1.00%	0.124%
68	9.489	2608	2612	2620	rVB3	386	449	0.05%	0.006%
69	9.521	2620	2622	2626	rBV2	236	227	0.03%	0.003%
70	9.569	2633	2637	2640	rBV2	216	177	0.02%	0.002%
71	9.588	2640	2643	2645	rBV2	238	199	0.02%	0.003%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

72	9.630	2649	2656	2659	rBV2	306	434	0.05%	0.006%
73	9.784	2696	2704	2712	rVV3	319	527	0.06%	0.007%
74	9.935	2747	2751	2754	rBV	209	209	0.02%	0.003%
75	9.958	2754	2758	2760	rVV	276	218	0.02%	0.003%
76	10.051	2783	2787	2789	rBV2	303	220	0.02%	0.003%
77	10.247	2847	2848	2852	rVB	374	168	0.02%	0.002%
78	10.270	2852	2855	2856	rBV	238	163	0.02%	0.002%
79	10.280	2856	2858	2862	rVV	274	263	0.03%	0.004%
80	10.321	2869	2871	2874	rVB3	360	189	0.02%	0.003%
81	10.353	2874	2881	2883	rBV3	413	489	0.06%	0.007%
82	10.431	2893	2905	2927	rBV	311686	514038	58.06%	7.211%
83	10.810	3014	3023	3035	rVV2	24913	36343	4.10%	0.510%
84	10.855	3035	3037	3042	rVB3	604	489	0.06%	0.007%
85	10.910	3048	3054	3056	rBV2	316	367	0.04%	0.005%
86	10.980	3073	3076	3077	rBV2	377	167	0.02%	0.002%
87	11.000	3079	3082	3085	rVV2	330	260	0.03%	0.004%
88	11.090	3106	3110	3114	rBV	305	328	0.04%	0.005%
89	11.119	3114	3119	3122	rBV2	189	221	0.02%	0.003%
90	11.305	3173	3177	3180	rBV3	239	199	0.02%	0.003%
91	11.398	3203	3206	3212	rVB3	322	334	0.04%	0.005%
92	11.434	3213	3217	3220	rVB2	291	208	0.02%	0.003%
93	11.482	3220	3232	3256	rBV	418919	688872	77.80%	9.663%
94	11.858	3335	3349	3377	rBV	395347	677516	76.52%	9.504%
95	12.305	3485	3488	3493	rVB2	447	346	0.04%	0.005%
96	12.752	3625	3627	3629	rBV2	290	169	0.02%	0.002%
97	13.450	3839	3844	3848	rBV2	525	592	0.07%	0.008%
98	14.096	4043	4045	4050	rBV	334	278	0.03%	0.004%
99	14.270	4094	4099	4111	rVB2	2881	4314	0.49%	0.061%
100	14.762	4247	4252	4254	rBV2	502	521	0.06%	0.007%

Sum of corrected areas: 7128786

LSC Report - Integrated Chromatogram

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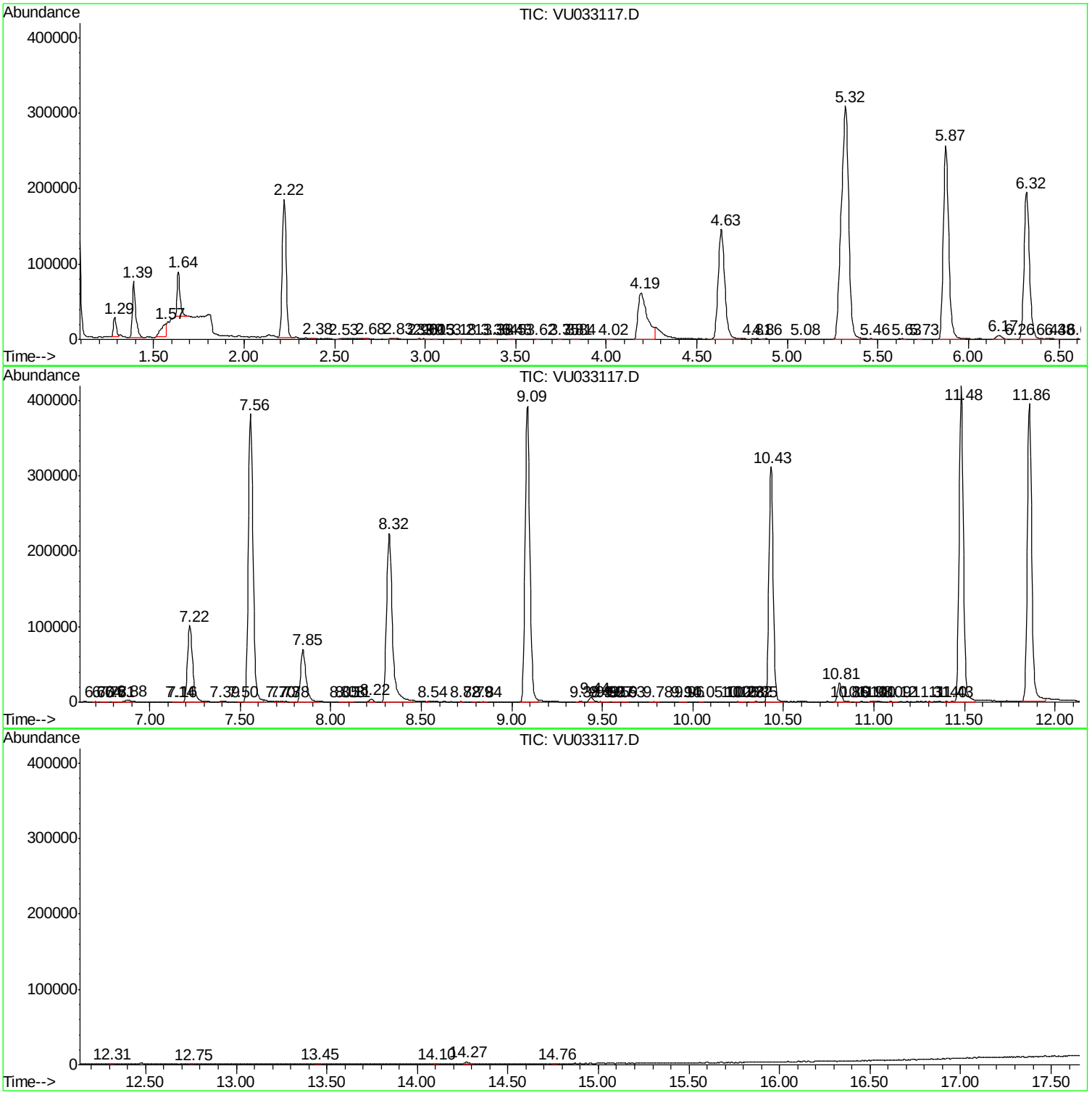
Instrument : MSVOA_U
ClientSampleId : GAM13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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_U\DATA\VU070119\
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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

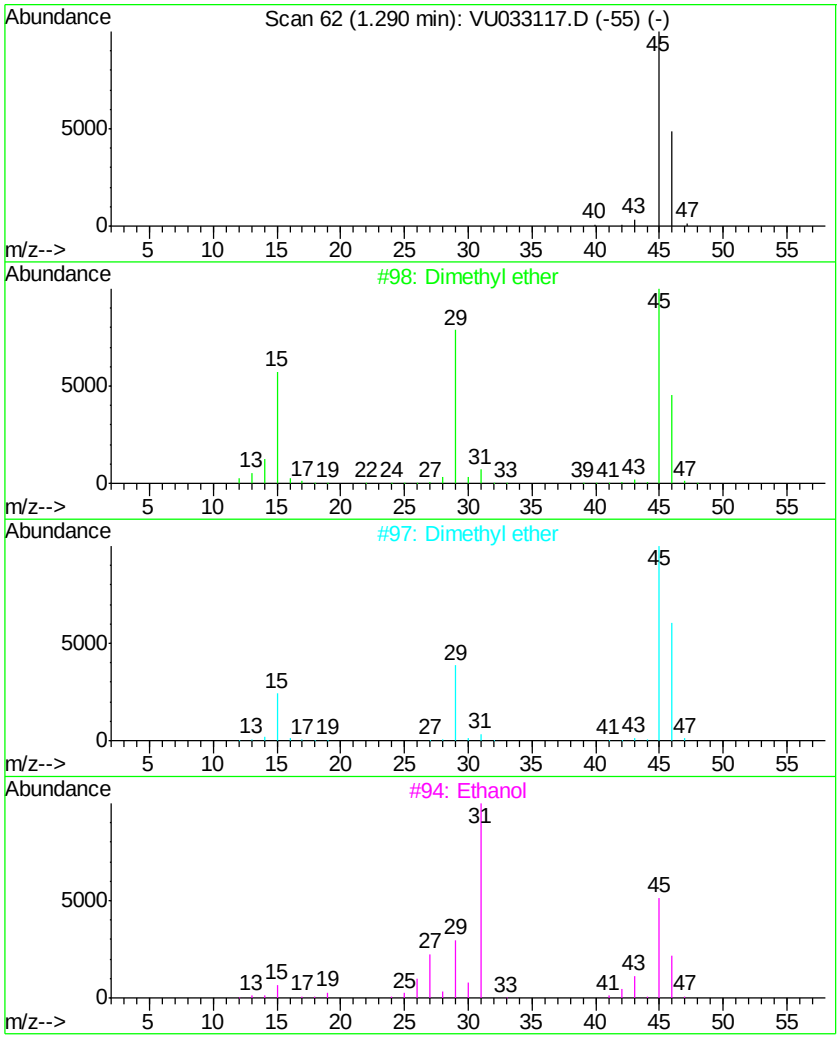
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

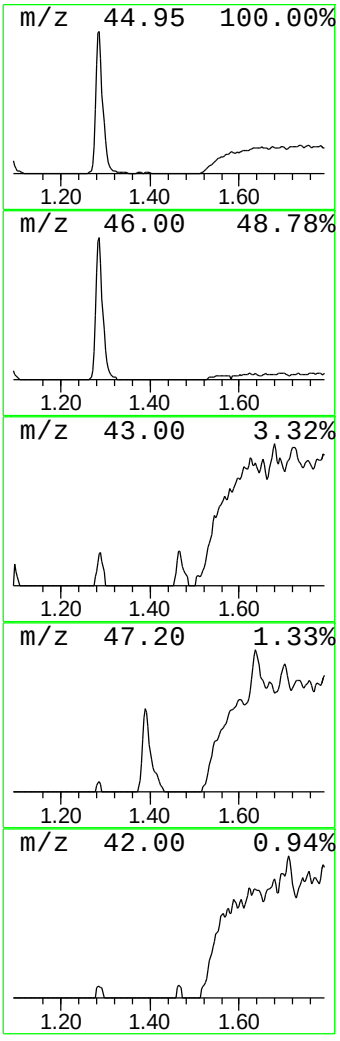
****

Peak Number 1 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	2.52 ug/L	27009	1,4-Difluorobenzene	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

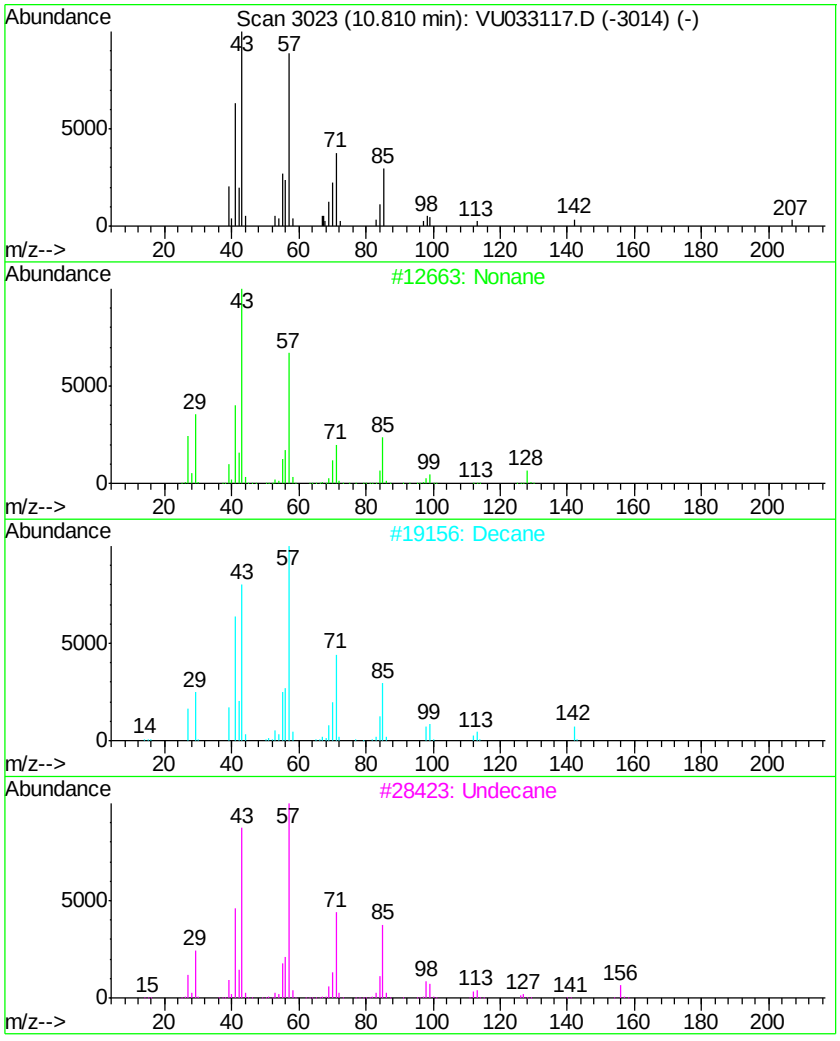
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

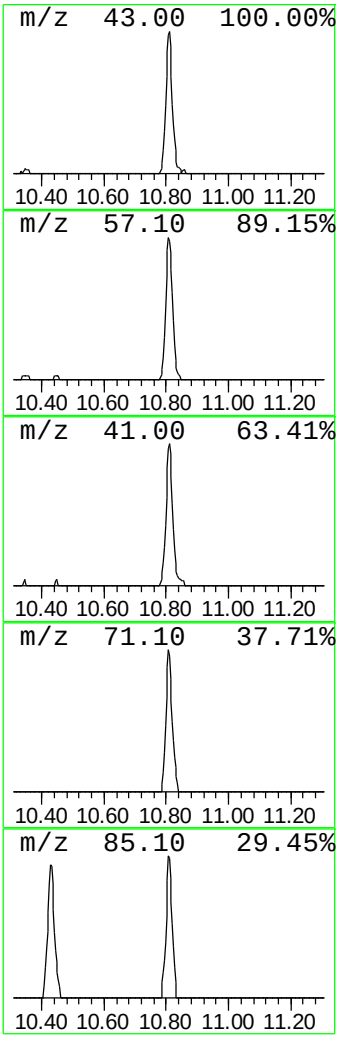
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.64 ug/L	36343	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Decane	142	C10H22	000124-18-5	80
3	Undecane	156	C11H24	001120-21-4	78
4	Nonane	128	C9H20	000111-84-2	64
5	Octane	114	C8H18	000111-65-9	59





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
Dimethyl ether	1.29	2.5	ug/L	27009	1	5.87	536105	50.0
(DEL) Alkane: Str...	10.81	2.6	ug/L	36343	3	11.48	688872	50.0