LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033107.D
Acq On : 01 Jul 2019 12:03
Operator : JC/SP
Sample : K3599-17
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM26

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	1.283	55	60	70	rBV	29263	32513	3.82%	0.478%
2	1.389	86	93	112	rBV	71046	95279	11.19%	1.400%
3	2.218	342	351	367	rVB	179540	271777	31.93%	3.994%
4	2.759	517	519	524	rVB2	335	209	0.02%	0.003%
5	2.919	562	569	571	rBV2	401	354	0.04%	0.005%
6	3.003	591	595	596	rBV2	182	112	0.01%	0.002%
7	3.042	603	607	610	rVB2	362	247	0.03%	0.004%
8	3.109	623	628	629	rBV2	211	190	0.02%	0.003%
9	3.286	679	683	685	rVB	298	208	0.02%	0.003%
10	3.382	711	713	717	rVV2	275	197	0.02%	0.003%
11	3.415	721	723	729	rBV2	212	220	0.03%	0.003%
12	3.463	734	738	740	rBV	149	114	0.01%	0.002%
13	3.527	755	758	761	rVB2	251	149	0.02%	0.002%
14	3.627	786	789	792	rBV2	183	147	0.02%	0.002%
15	3.656	796	798	800	rBV2	177	98	0.01%	0.001%
16	3.685	804	807	812	rVB2	265	201	0.02%	0.003%
17	3.733	820	822	823	rBV2	261	85	0.01%	0.001%
18	3.771	832	834	837	rVB2	164	90	0.01%	0.001%
19	3.791	837	840	844	rBV2	366	330	0.04%	0.005%
20	3.932	881	884	886	rBV	160	113	0.01%	0.002%
21	4.193	953	965	1021	rBV	58003	253575	29.79%	3.727%
22	4.633	1086	1102	1126	rBV	136996	344137	40.43%	5.057%
23	4.861	1172	1173	1176	rBV	238	155	0.02%	0.002%
24	4.926	1189	1193	1196	rVB2	240	197	0.02%	0.003%
25	4.964	1203	1205	1207	rBV2	196	107	0.01%	0.002%
26	5.054	1230	1233	1236	rVB2	185	119	0.01%	0.002%
27	5.080	1236	1241	1244	rBV2	207	147	0.02%	0.002%
28	5.096	1244	1246	1249	rBV	204	139	0.02%	0.002%
29	5.321	1295	1316	1349	rBV2	297283	851117	100.00%	12.508%
30	5.479	1363	1365	1369	rVB3	280	216	0.03%	0.003%
31	5.501	1369	1372	1379	rVB3	366	436	0.05%	0.006%
32	5.533	1379	1382	1385	rBV2	298	215	0.03%	0.003%
33	5.566	1390	1392	1395	rBV2	252	165	0.02%	0.002%
34	5.620	1403	1409	1412	rBV4	425	532	0.06%	0.008%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

35	5.710	1435	1437	1439	rBV	163	103	0.01%	0.002%
36	5.749	1447	1449	1455	rVB	416	232	0.03%	0.003%
37	5.787	1458	1461	1464	rBV2	172	129	0.02%	0.002%
38	5.810	1464	1468	1470	rBV2	337	272	0.03%	0.004%
39	5.874	1475	1488	1521	rVV	251802	523131	61.46%	7.688%
40	5.987	1521	1523	1531	rVB4	446	349	0.04%	0.005%
41	6.167	1569	1579	1593	rVB9	7094	15883	1.87%	0.233%
42	6.228	1593	1598	1602	rBV3	317	258	0.03%	0.004%
43	6.257	1602	1607	1611	rBV3	380	413	0.05%	0.006%
44	6.321	1611	1627	1652	rBV	184502	391750	46.03%	5.757%
45	6.453	1664	1668	1675	rBV2	403	454	0.05%	0.007%
46	6.495	1677	1681	1683	rBV2	265	224	0.03%	0.003%
47	6.614	1710	1718	1721	rBV2	401	578	0.07%	0.008%
48	6.739	1754	1757	1758	rBV	171	114	0.01%	0.002%
49	6.784	1768	1771	1774	rBV2	135	91	0.01%	0.001%
50	6.874	1790	1799	1801	rBV3	1935	2446	0.29%	0.036%
51	6.942	1818	1820	1823	rVB2	227	101	0.01%	0.001%
52	6.964	1823	1827	1830	rVB	287	260	0.03%	0.004%
53	6.980	1830	1832	1836	rBV2	123	130	0.02%	0.002%
54	7.221	1895	1907	1927	rBV2	98931	196689	23.11%	2.891%
55	7.456	1978	1980	1982	rVB	244	115	0.01%	0.002%
56	7.556	1998	2011	2045	rBV	362377	656753	77.16%	9.652%
57	7.803	2084	2088	2090	rBV2	431	338	0.04%	0.005%
58	7.845	2090	2101	2126	rVV	70319	139995	16.45%	2.057%
59	8.115	2183	2185	2187	rBV2	165	96	0.01%	0.001%
60	8.144	2192	2194	2196	rBV	145	85	0.01%	0.001%
61	8.221	2209	2218	2230	rVB3	7671	13361	1.57%	0.196%
62	8.270	2230	2233	2234	rBV	217	113	0.01%	0.002%
63	8.321	2237	2249	2287	rBV	222170	482141	56.65%	7.086%
64	8.697	2364	2366	2368	rBV2	193	133	0.02%	0.002%
65	8.742	2375	2380	2382	rBV	275	251	0.03%	0.004%
66	8.755	2382	2384	2385	rBV	326	138	0.02%	0.002%
67	8.794	2394	2396	2400	rVB	266	131	0.02%	0.002%
68	8.813	2400	2402	2405	rBV	154	121	0.01%	0.002%
69	8.829	2405	2407	2409	rVV	284	205	0.02%	0.003%
70	8.852	2412	2414	2416	rBV	176	101	0.01%	0.001%
71	8.865	2416	2418	2421	rVV2	175	108	0.01%	0.002%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Peak separation: 5

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

72	8.990	2454	2457	2458	rBV	207	105	0.01%	0.002%
73	9.016	2462	2465	2466	rBV	221	103	0.01%	0.002%
74	9.086	2474	2487	2509	rBV	376123	678370	79.70%	9.969%
75	9.241	2532	2535	2536	rBV2	225	131	0.02%	0.002%
76	9.360	2566	2572	2573	rBV2	258	237	0.03%	0.003%
77	9.379	2575	2578	2579	rBV2	272	145	0.02%	0.002%
78	9.437	2588	2596	2608	rVB3	6163	9169	1.08%	0.135%
79	9.485	2608	2611	2613	rBV2	282	195	0.02%	0.003%
80	9.559	2630	2634	2637	rBV	245	234	0.03%	0.003%
81	9.591	2642	2644	2647	rBV	190	85	0.01%	0.001%
82	9.636	2655	2658	2661	rBV2	257	178	0.02%	0.003%
83	9.662	2663	2666	2670	rBV3	238	210	0.02%	0.003%
84	9.710	2679	2681	2685	rVB2	310	201	0.02%	0.003%
85	9.746	2688	2692	2693	rBV	235	119	0.01%	0.002%
86	9.778	2700	2702	2705	rBV	340	216	0.03%	0.003%
87	9.874	2730	2732	2734	rBV	296	117	0.01%	0.002%
88	9.906	2739	2742	2745	rBV	273	192	0.02%	0.003%
89	9.967	2756	2761	2764	rBV2	327	306	0.04%	0.004%
90	10.041	2782	2784	2789	rBV	223	205	0.02%	0.003%
91	10.128	2808	2811	2813	rBV	247	155	0.02%	0.002%
92	10.305	2864	2866	2867	rBV	202	104	0.01%	0.002%
93	10.344	2875	2878	2883	rBV4	429	407	0.05%	0.006%
94	10.430	2892	2905	2931	rBV	299878	493636	58.00%	7.255%
95	10.520	2931	2933	2935	rBV	352	142	0.02%	0.002%
96	10.749	3002	3004	3007	rBV2	218	118	0.01%	0.002%
97	10.810	3014	3023	3037	rVB2	22539	33555	3.94%	0.493%
98	11.430	3214	3216	3220	rBV3	300	228	0.03%	0.003%
99	11.482	3220	3232	3256	rBV	407543	665136	78.15%	9.775%
100	11.858	3337	3349	3375	rBV	378708	638847	75.06%	9.389%

Sum of corrected areas: 6804528

LSC Report - Integrated Chromatogram

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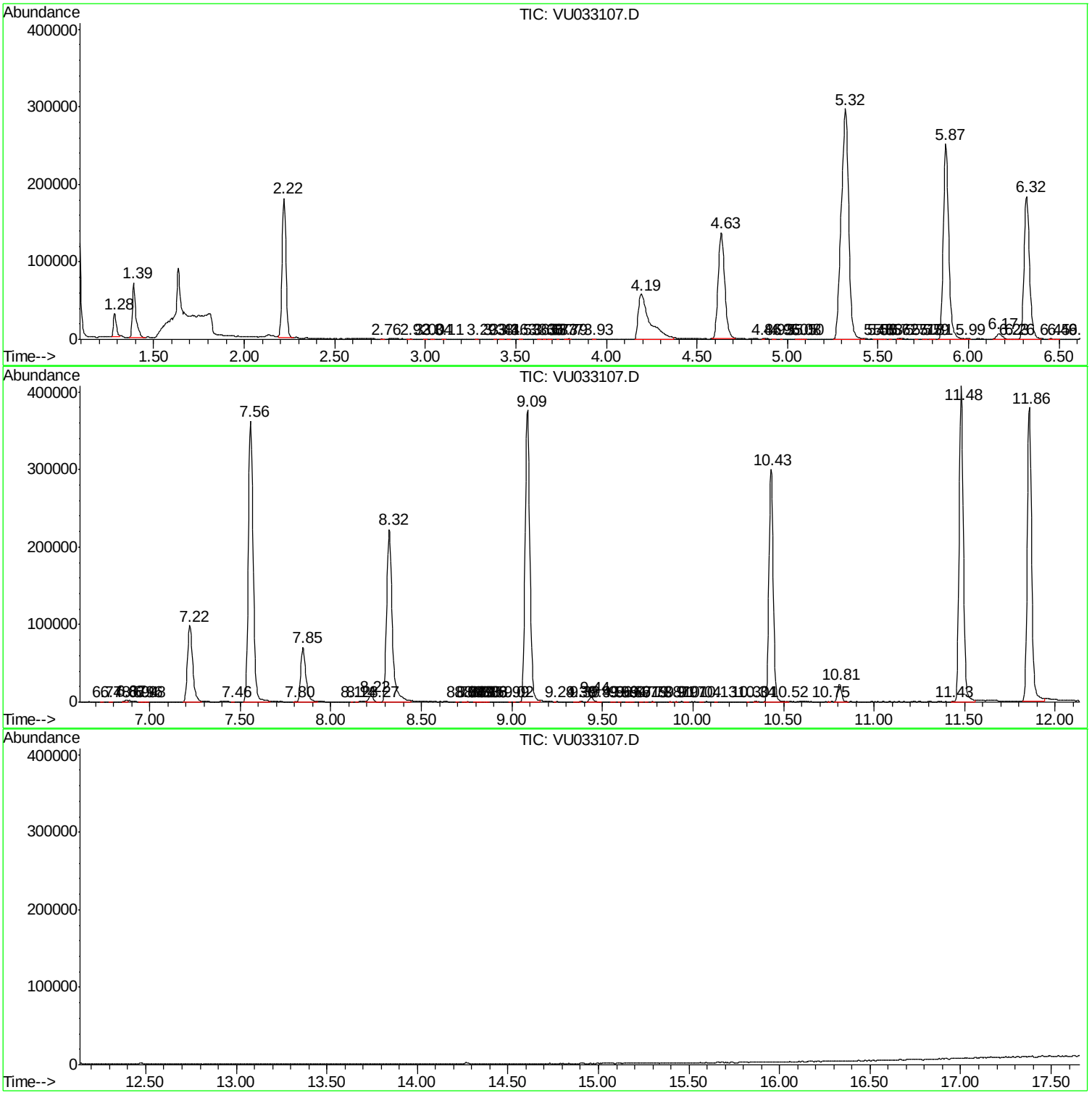
Instrument : MSVOA_U
ClientSampleId : GAM26

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

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

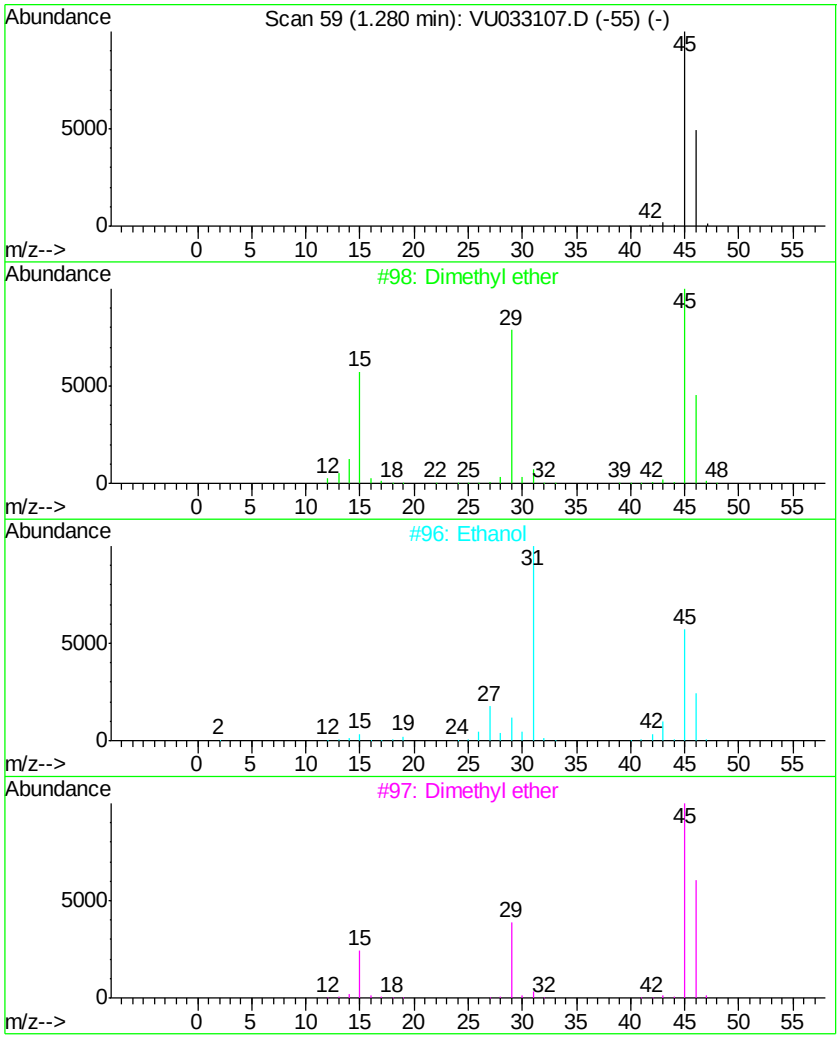
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

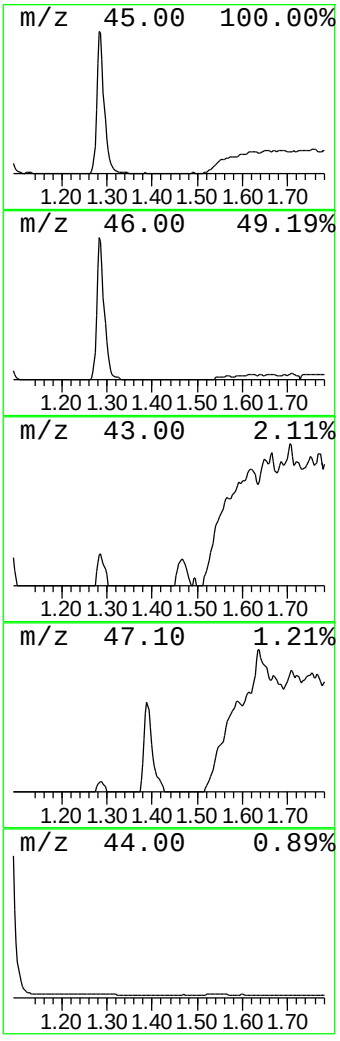
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	3.11 ug/L	32513	1,4-Difluorobenzene	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	83
2	Ethanol	46	C2H6O	000064-17-5	9
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	5





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Quant Title : VOC Analysis

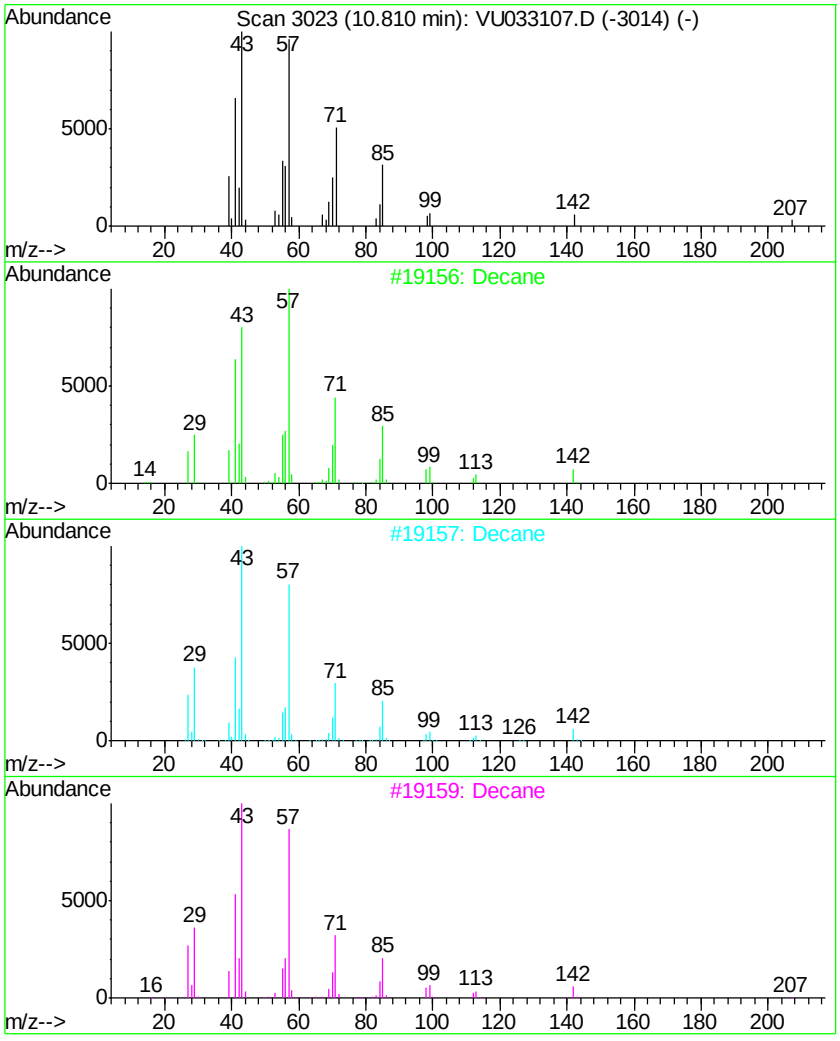
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

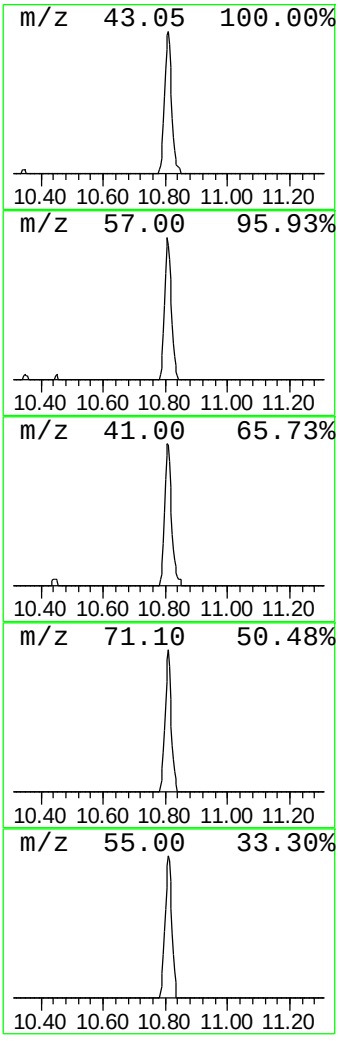
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.52 ug/L	33555	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	91
3	Decane	142	C10H22	000124-18-5	72
4	Decane	142	C10H22	000124-18-5	72
5	Tridecane	184	C13H28	000629-50-5	72





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	1.28	3.1	ug/L	32513	1	5.87	523131	50.0
(DEL) Alkane: Str...	10.81	2.5	ug/L	33555	3	11.48	665136	50.0