

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033106.D
 Acq On : 01 Jul 2019 11:40
 Operator : JC/SP
 Sample : K3599-16
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM25

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	54	60	69	rBV	32314	36564	5.49%	0.865%
2	1.389	86	93	111	rVB	35640	46468	6.98%	1.099%
3	1.547	132	142	143	rBV4	12448	15302	2.30%	0.362%
4	2.219	341	351	365	rVB	87523	134536	20.20%	3.182%
5	2.331	384	386	387	rBV	675	279	0.04%	0.007%
6	2.598	463	469	470	rBV2	333	300	0.05%	0.007%
7	2.672	488	492	496	rVB3	762	703	0.11%	0.017%
8	2.695	496	499	502	rBV2	589	283	0.04%	0.007%
9	2.769	518	522	525	rBV2	323	251	0.04%	0.006%
10	2.814	531	536	537	rBV2	719	595	0.09%	0.014%
11	2.926	569	571	575	rVB3	288	199	0.03%	0.005%
12	2.968	581	584	587	rVV2	400	309	0.05%	0.007%
13	2.994	590	592	598	rVB2	317	302	0.05%	0.007%
14	3.238	664	668	671	rBV	285	232	0.03%	0.005%
15	3.286	678	683	686	rBV2	333	294	0.04%	0.007%
16	3.405	713	720	723	rBV2	310	390	0.06%	0.009%
17	3.537	759	761	765	rVB2	305	185	0.03%	0.004%
18	3.560	765	768	771	rBV	325	239	0.04%	0.006%
19	3.595	773	779	784	rBV2	407	511	0.08%	0.012%
20	3.929	877	883	889	rBV3	290	339	0.05%	0.008%
21	4.061	919	924	928	rBV	197	224	0.03%	0.005%
22	4.199	955	967	986	rBV	27640	90878	13.65%	2.149%
23	4.534	1069	1071	1075	rVB3	352	206	0.03%	0.005%
24	4.637	1085	1103	1130	rBV	63980	166266	24.96%	3.933%
25	4.762	1139	1142	1145	rVB4	341	222	0.03%	0.005%
26	4.801	1151	1154	1157	rBV	261	202	0.03%	0.005%
27	4.833	1157	1164	1166	rBV4	461	542	0.08%	0.013%
28	4.868	1172	1175	1178	rBV3	239	192	0.03%	0.005%
29	4.891	1180	1182	1185	rVB2	681	332	0.05%	0.008%
30	5.109	1247	1250	1253	rBV2	246	238	0.04%	0.006%
31	5.148	1258	1262	1267	rBV2	181	213	0.03%	0.005%
32	5.322	1294	1316	1342	rBV2	137480	392565	58.94%	9.285%
33	5.473	1359	1363	1366	rBV2	224	191	0.03%	0.005%
34	5.521	1374	1378	1382	rBV2	207	227	0.03%	0.005%

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 Title : VOC Analysis

35	5.621	1405	1409	1412	rBV2	548	555	0.08%	0.013%
36	5.733	1440	1444	1447	rBV2	196	204	0.03%	0.005%
37	5.749	1447	1449	1452	rVB	372	222	0.03%	0.005%
38	5.791	1459	1462	1468	rBV2	279	308	0.05%	0.007%
39	5.875	1473	1488	1518	rBV	248711	513307	77.07%	12.141%
40	6.061	1540	1546	1549	rVV3	300	417	0.06%	0.010%
41	6.174	1569	1581	1602	rVV4	31496	64527	9.69%	1.526%
42	6.251	1602	1605	1610	rVV	576	525	0.08%	0.012%
43	6.321	1613	1627	1652	rVB2	85511	182952	27.47%	4.327%
44	6.415	1652	1656	1658	rBV2	447	334	0.05%	0.008%
45	6.460	1666	1670	1673	rBV	237	192	0.03%	0.005%
46	6.524	1688	1690	1693	rVB2	398	233	0.03%	0.006%
47	6.604	1707	1715	1716	rBV3	464	552	0.08%	0.013%
48	6.643	1725	1727	1733	rVB2	303	215	0.03%	0.005%
49	6.672	1734	1736	1740	rVB	329	182	0.03%	0.004%
50	6.791	1771	1773	1778	rVB	301	190	0.03%	0.004%
51	6.871	1792	1798	1799	rBV2	1120	985	0.15%	0.023%
52	6.993	1828	1836	1839	rBV2	224	213	0.03%	0.005%
53	7.222	1891	1907	1930	rBV2	45334	90713	13.62%	2.146%
54	7.302	1930	1932	1935	rVV	441	333	0.05%	0.008%
55	7.318	1935	1937	1940	rVV2	423	234	0.04%	0.006%
56	7.556	1998	2011	2030	rBV	163423	295754	44.41%	6.995%
57	7.749	2068	2071	2077	rVB2	218	246	0.04%	0.006%
58	7.849	2090	2102	2119	rBV2	31004	61011	9.16%	1.443%
59	8.009	2148	2152	2155	rVB2	288	207	0.03%	0.005%
60	8.222	2208	2218	2232	rVB2	24385	43058	6.47%	1.018%
61	8.325	2238	2250	2281	rBV	90173	207121	31.10%	4.899%
62	8.543	2315	2318	2320	rBV2	443	267	0.04%	0.006%
63	8.559	2320	2323	2327	rVV2	421	351	0.05%	0.008%
64	8.636	2343	2347	2351	rVB2	437	398	0.06%	0.009%
65	8.694	2363	2365	2373	rVB2	230	236	0.04%	0.006%
66	8.768	2384	2388	2390	rBV	286	197	0.03%	0.005%
67	8.926	2430	2437	2442	rBV2	206	310	0.05%	0.007%
68	9.006	2460	2462	2471	rVB2	338	320	0.05%	0.008%
69	9.087	2473	2487	2515	rBV	369452	666001	100.00%	15.752%
70	9.344	2564	2567	2572	rVB	234	208	0.03%	0.005%
71	9.370	2572	2575	2576	rBV	359	201	0.03%	0.005%

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72	9.392	2580	2582	2586	rVV	499	373	0.06%	0.009%
73	9.437	2588	2596	2609	rVB2	5751	8717	1.31%	0.206%
74	9.585	2637	2642	2648	rVB2	242	329	0.05%	0.008%
75	9.691	2672	2675	2682	rVB2	252	278	0.04%	0.007%
76	9.736	2682	2689	2693	rBV	333	445	0.07%	0.011%
77	9.778	2698	2702	2704	rBV	366	245	0.04%	0.006%
78	9.897	2733	2739	2744	rVB2	342	382	0.06%	0.009%
79	9.935	2748	2751	2755	rBV3	304	258	0.04%	0.006%
80	10.144	2813	2816	2819	rVB2	321	225	0.03%	0.005%
81	10.173	2819	2825	2826	rBV2	278	217	0.03%	0.005%
82	10.244	2844	2847	2849	rBV2	299	210	0.03%	0.005%
83	10.347	2876	2879	2882	rBV3	447	387	0.06%	0.009%
84	10.431	2892	2905	2921	rBV	136635	225682	33.89%	5.338%
85	10.604	2955	2959	2967	rVB3	1028	1037	0.16%	0.025%
86	10.694	2982	2987	2990	rBV2	486	417	0.06%	0.010%
87	10.810	3014	3023	3034	rBV2	21713	32521	4.88%	0.769%
88	10.871	3039	3042	3048	rVB3	425	456	0.07%	0.011%
89	11.032	3089	3092	3096	rBV2	276	191	0.03%	0.005%
90	11.099	3110	3113	3116	rBV	244	185	0.03%	0.004%
91	11.141	3123	3126	3129	rBV3	292	265	0.04%	0.006%
92	11.206	3141	3146	3151	rBV2	288	372	0.06%	0.009%
93	11.296	3171	3174	3181	rVB3	346	365	0.05%	0.009%
94	11.363	3187	3195	3201	rVB3	516	725	0.11%	0.017%
95	11.482	3219	3232	3258	rBV	394568	638753	95.91%	15.108%
96	11.858	3336	3349	3372	rBV	164729	287007	43.09%	6.788%
97	12.296	3482	3485	3487	rBV2	486	309	0.05%	0.007%
98	12.447	3529	3532	3535	rBV2	284	192	0.03%	0.005%
99	12.472	3535	3540	3542	rBV2	1080	1079	0.16%	0.026%
100	14.270	4095	4099	4108	rVB3	1652	2264	0.34%	0.054%

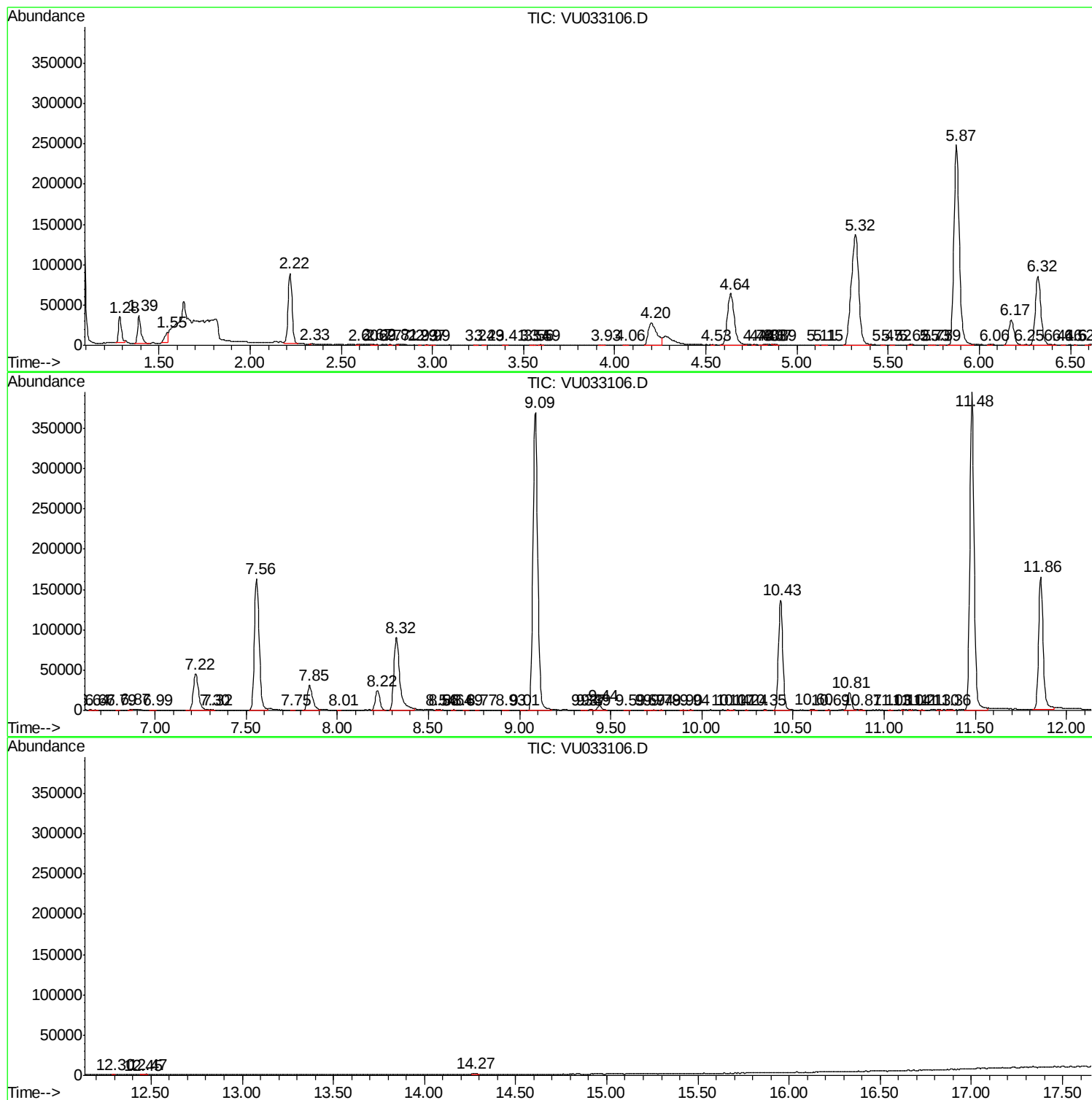
Sum of corrected areas: 4227944

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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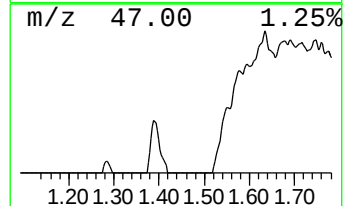
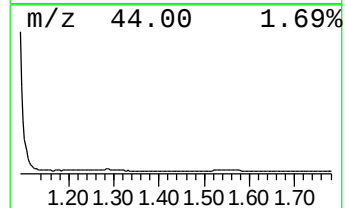
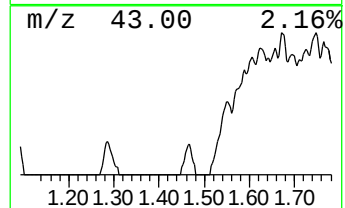
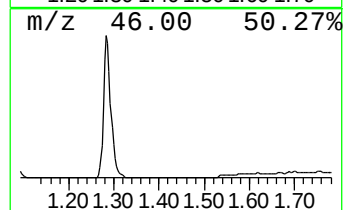
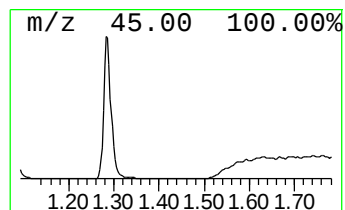
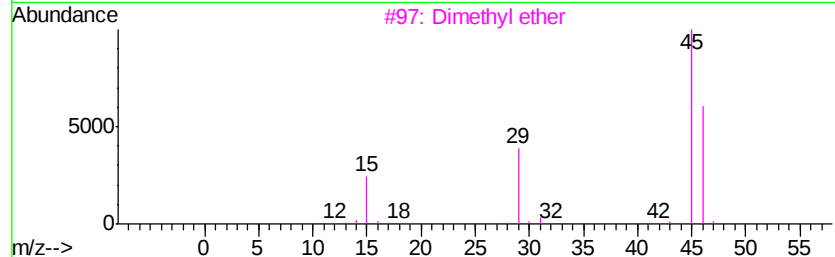
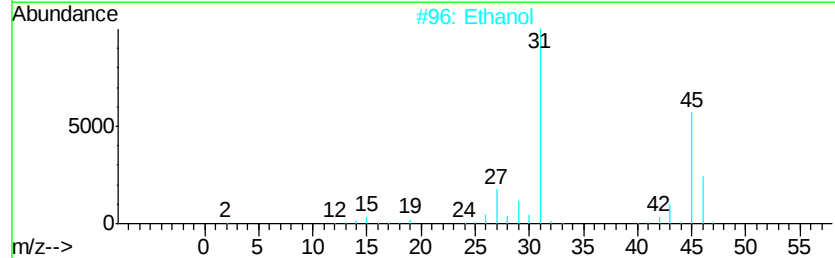
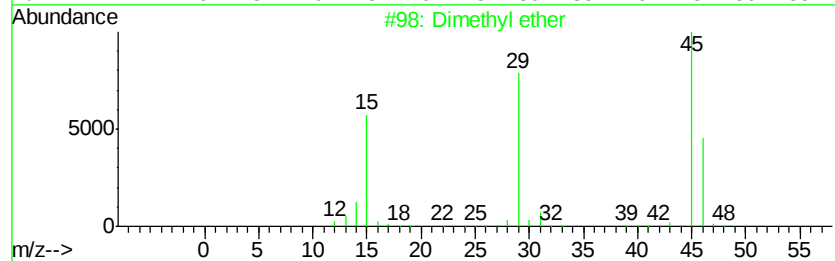
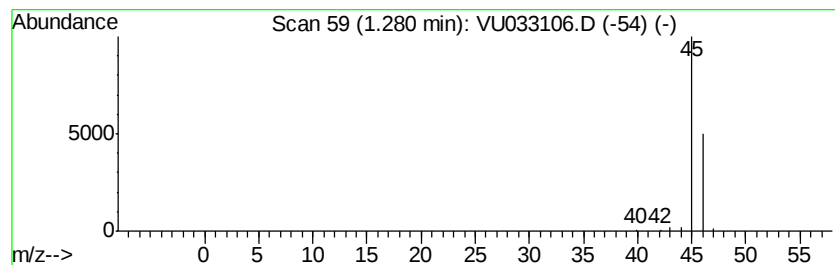
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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	3.56 ug/L	36564	1,4-Difluorobenzene	5.87

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



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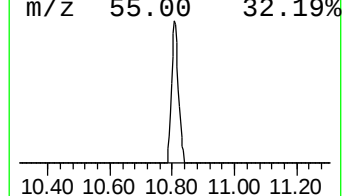
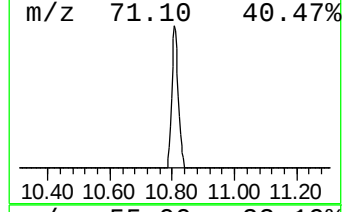
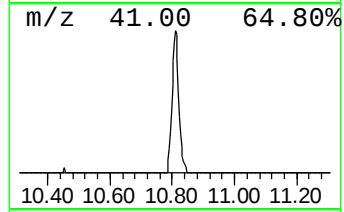
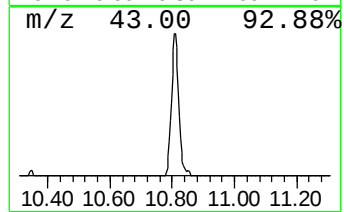
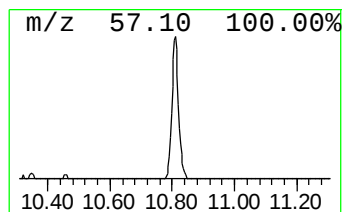
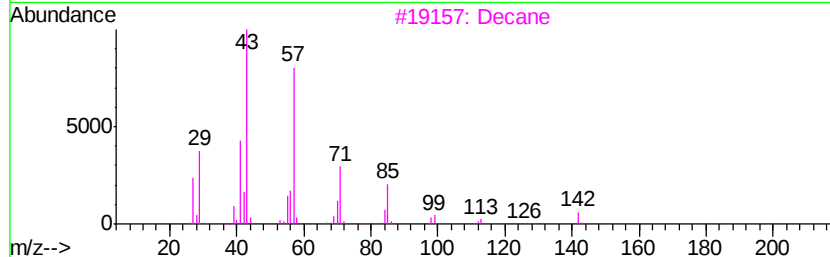
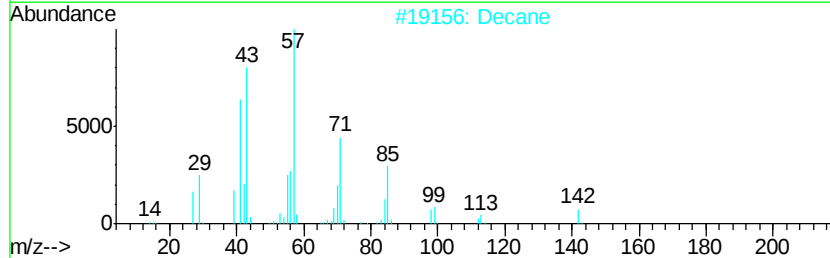
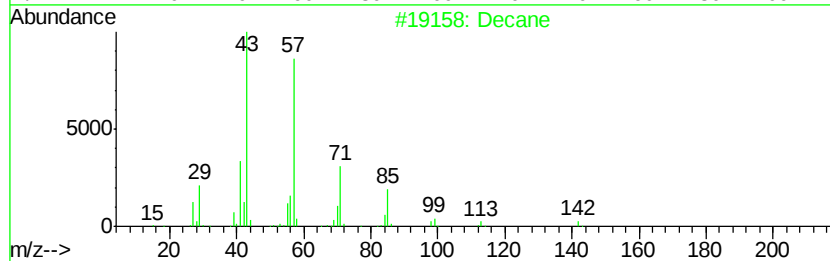
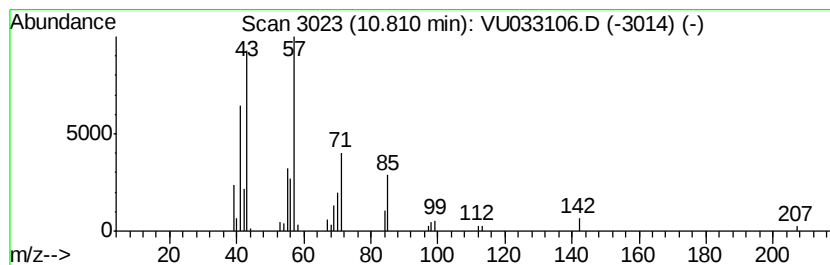
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.55 ug/L	32521	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	87
2		Decane	142	C10H22	000124-18-5	87
3		Decane	142	C10H22	000124-18-5	80
4		Decane	142	C10H22	000124-18-5	72
5		Undecane	156	C11H24	001120-21-4	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	1.28	3.6	ug/L	36564	1	5.87	513307	50.0
(DEL) Alkane: Str...	10.81	2.5	ug/L	32521	3	11.48	638753	50.0