

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033103.D
 Acq On : 01 Jul 2019 10:31
 Operator : JC/SP
 Sample : K3599-13
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM22

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	68	rBV	30592	33134	4.14%	0.489%
2	1.389	86	93	108	rBV	71829	89740	11.22%	1.324%
3	1.602	130	159	161	rBV9	26018	92357	11.54%	1.363%
4	1.637	165	170	185	rVB	64745	92113	11.51%	1.359%
5	2.222	341	352	367	rVB	175352	265393	33.17%	3.917%
6	2.460	423	426	429	rVB3	362	230	0.03%	0.003%
7	2.592	463	467	468	rVV2	378	227	0.03%	0.003%
8	2.660	487	488	493	rBV3	321	282	0.04%	0.004%
9	2.756	514	518	525	rBV3	320	435	0.05%	0.006%
10	2.814	531	536	549	rVB4	932	1832	0.23%	0.027%
11	2.981	582	588	591	rVB	337	315	0.04%	0.005%
12	2.997	591	593	597	rBV2	317	254	0.03%	0.004%
13	3.020	597	600	603	rVV2	280	191	0.02%	0.003%
14	3.052	607	610	614	rVV2	391	284	0.04%	0.004%
15	3.087	619	621	625	rVV2	300	228	0.03%	0.003%
16	3.123	629	632	637	rVB2	304	284	0.04%	0.004%
17	3.171	643	647	653	rBV2	244	257	0.03%	0.004%
18	3.283	677	682	684	rBV2	220	214	0.03%	0.003%
19	3.360	704	706	710	rVB3	302	216	0.03%	0.003%
20	3.431	724	728	732	rVV2	167	182	0.02%	0.003%
21	3.479	737	743	746	rBV3	317	354	0.04%	0.005%
22	3.569	768	771	774	rBV	337	214	0.03%	0.003%
23	3.643	790	794	800	rBV2	211	229	0.03%	0.003%
24	3.714	811	816	821	rBV2	163	250	0.03%	0.004%
25	3.798	839	842	845	rVB	309	211	0.03%	0.003%
26	4.049	915	920	921	rBV2	304	250	0.03%	0.004%
27	4.122	939	943	952	rBV2	154	289	0.04%	0.004%
28	4.190	952	964	985	rBV	55892	187398	23.42%	2.766%
29	4.489	1054	1057	1060	rBV3	314	265	0.03%	0.004%
30	4.634	1084	1102	1127	rBV	131459	330721	41.34%	4.881%
31	4.811	1154	1157	1158	rBV	353	188	0.02%	0.003%
32	4.872	1171	1176	1184	rVB4	713	1099	0.14%	0.016%
33	4.920	1188	1191	1194	rBV2	286	236	0.03%	0.003%
34	4.975	1204	1208	1213	rVB2	400	370	0.05%	0.005%

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 Title : VOC Analysis

35	5.013	1217	1220	1225	rVB2	240	235	0.03%	0.003%
36	5.097	1243	1246	1249	rBV3	257	206	0.03%	0.003%
37	5.139	1252	1259	1263	rBV2	290	395	0.05%	0.006%
38	5.319	1292	1315	1345	rBV2	278773	800049	100.00%	11.807%
39	5.608	1402	1405	1408	rVV	449	356	0.04%	0.005%
40	5.782	1455	1459	1464	rBV3	173	235	0.03%	0.003%
41	5.807	1464	1467	1469	rBV2	265	200	0.02%	0.003%
42	5.875	1473	1488	1516	rBV	240191	494773	61.84%	7.302%
43	6.068	1544	1548	1549	rVV2	372	293	0.04%	0.004%
44	6.167	1567	1579	1592	rBV6	5226	11630	1.45%	0.172%
45	6.254	1600	1606	1609	rBV3	511	583	0.07%	0.009%
46	6.270	1609	1611	1612	rVV	382	182	0.02%	0.003%
47	6.319	1612	1626	1652	rVV	176686	368859	46.10%	5.443%
48	6.457	1665	1669	1675	rBV3	320	349	0.04%	0.005%
49	6.605	1713	1715	1724	rVV3	419	522	0.07%	0.008%
50	6.650	1727	1729	1732	rVB2	353	215	0.03%	0.003%
51	6.711	1745	1748	1751	rVB	242	219	0.03%	0.003%
52	6.743	1753	1758	1759	rBV	195	203	0.03%	0.003%
53	6.753	1759	1761	1766	rVB	326	189	0.02%	0.003%
54	6.788	1770	1772	1777	rVB	261	202	0.03%	0.003%
55	6.814	1777	1780	1783	rBV2	223	213	0.03%	0.003%
56	6.875	1787	1799	1800	rBV4	1774	2563	0.32%	0.038%
57	7.000	1836	1838	1841	rBV	306	186	0.02%	0.003%
58	7.171	1888	1891	1895	rBV	257	211	0.03%	0.003%
59	7.219	1895	1906	1936	rBV	96295	189002	23.62%	2.789%
60	7.386	1955	1958	1962	rBV3	501	463	0.06%	0.007%
61	7.409	1962	1965	1969	rVB2	405	351	0.04%	0.005%
62	7.556	1998	2011	2033	rBV	341537	613942	76.74%	9.060%
63	7.846	2089	2101	2126	rBV	67963	133146	16.64%	1.965%
64	8.219	2206	2217	2236	rVB2	102955	175518	21.94%	2.590%
65	8.322	2236	2249	2294	rBV	205429	451760	56.47%	6.667%
66	8.579	2325	2329	2333	rVB	281	214	0.03%	0.003%
67	8.720	2370	2373	2376	rBV	277	206	0.03%	0.003%
68	8.759	2380	2385	2387	rBV2	240	216	0.03%	0.003%
69	9.084	2474	2486	2516	rBV	363849	651388	81.42%	9.613%
70	9.376	2574	2577	2581	rVV2	530	425	0.05%	0.006%
71	9.396	2581	2583	2587	rVB	342	194	0.02%	0.003%

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 Title : VOC Analysis

72	9.437	2587	2596	2608	rBV3	6479	9995	1.25%	0.148%
73	9.482	2608	2610	2615	rVB2	307	228	0.03%	0.003%
74	9.518	2615	2621	2622	rBV	310	284	0.04%	0.004%
75	9.717	2681	2683	2689	rVB	229	208	0.03%	0.003%
76	9.756	2689	2695	2698	rBV2	218	268	0.03%	0.004%
77	9.785	2701	2704	2708	rVV2	351	247	0.03%	0.004%
78	9.862	2724	2728	2732	rBV2	196	197	0.02%	0.003%
79	9.984	2763	2766	2771	rVB2	495	439	0.05%	0.006%
80	10.013	2771	2775	2777	rBV	241	195	0.02%	0.003%
81	10.074	2793	2794	2801	rVV2	267	211	0.03%	0.003%
82	10.222	2834	2840	2843	rBV2	181	209	0.03%	0.003%
83	10.328	2869	2873	2874	rBV2	396	294	0.04%	0.004%
84	10.431	2892	2905	2926	rBV	283709	466146	58.26%	6.879%
85	10.502	2926	2927	2931	rVB2	443	206	0.03%	0.003%
86	10.553	2938	2943	2946	rBV2	264	239	0.03%	0.004%
87	10.592	2951	2955	2956	rBV2	560	381	0.05%	0.006%
88	10.807	3012	3022	3034	rBV2	25613	37834	4.73%	0.558%
89	10.887	3044	3047	3052	rBV3	244	245	0.03%	0.004%
90	10.968	3066	3072	3075	rBV2	386	392	0.05%	0.006%
91	10.984	3075	3077	3080	rBV	226	190	0.02%	0.003%
92	11.379	3195	3200	3203	rBV3	368	378	0.05%	0.006%
93	11.421	3211	3213	3220	rVB4	347	281	0.04%	0.004%
94	11.479	3220	3231	3256	rBV	404087	644007	80.50%	9.504%
95	11.855	3336	3348	3371	rBV	355427	609584	76.19%	8.996%
96	12.376	3507	3510	3514	rBV2	299	231	0.03%	0.003%
97	12.415	3520	3522	3526	rVB3	381	190	0.02%	0.003%
98	12.730	3618	3620	3622	rBV	411	255	0.03%	0.004%
99	14.267	4095	4098	4114	rVB4	1486	2372	0.30%	0.035%
100	14.977	4318	4319	4322	rBV2	561	337	0.04%	0.005%

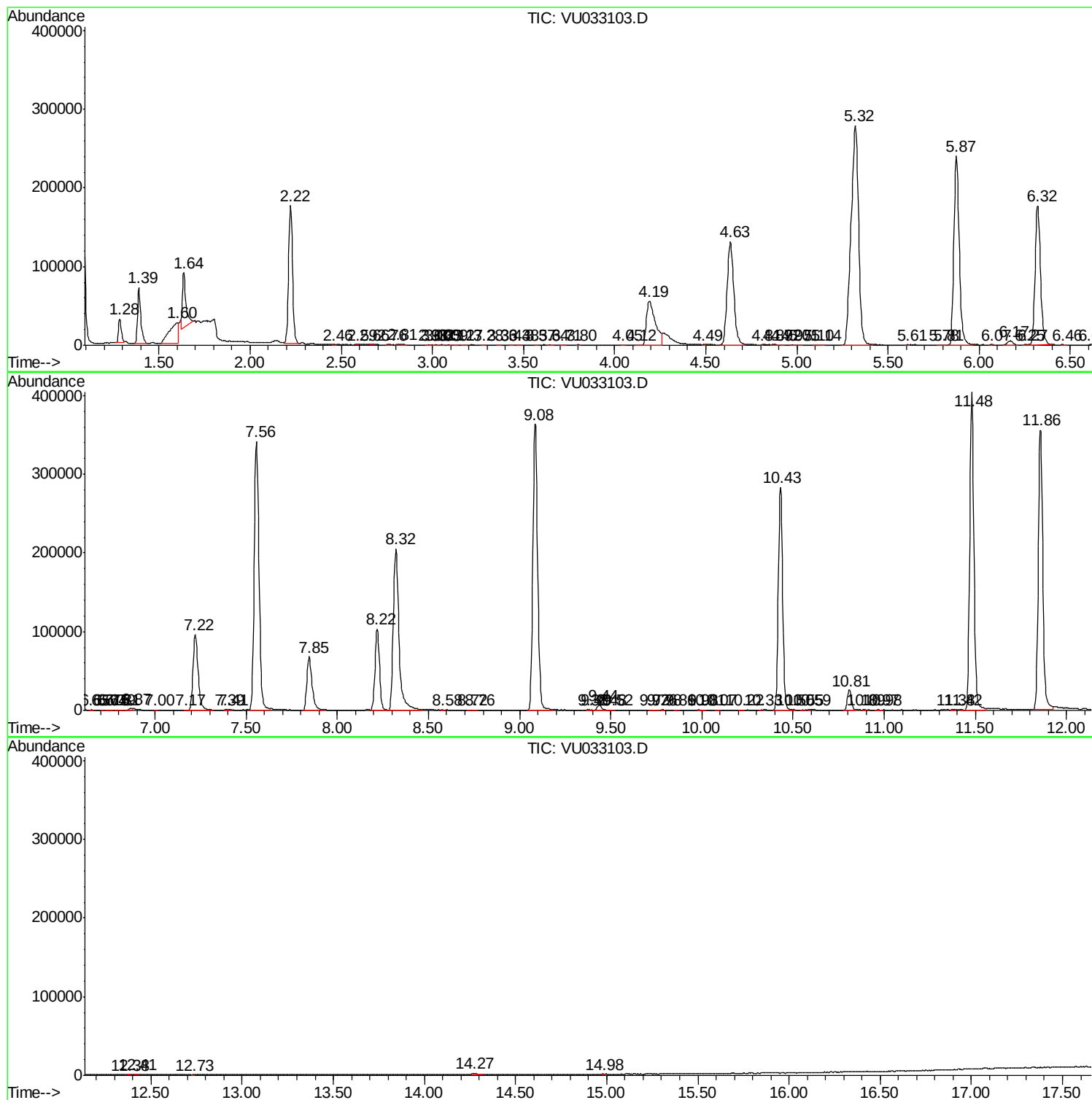
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



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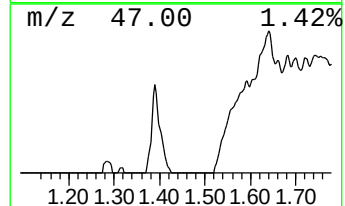
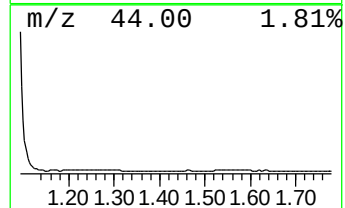
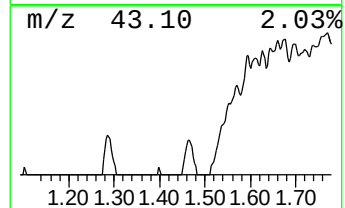
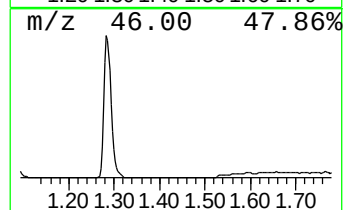
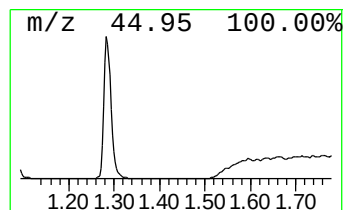
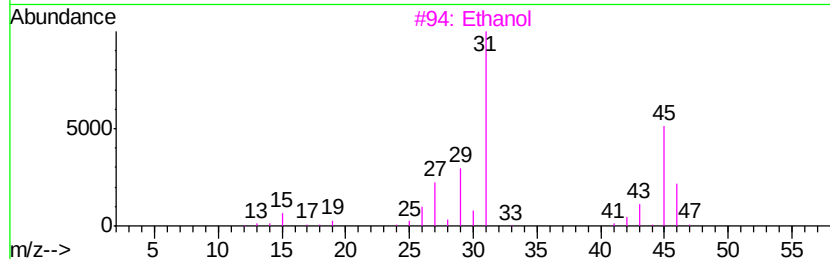
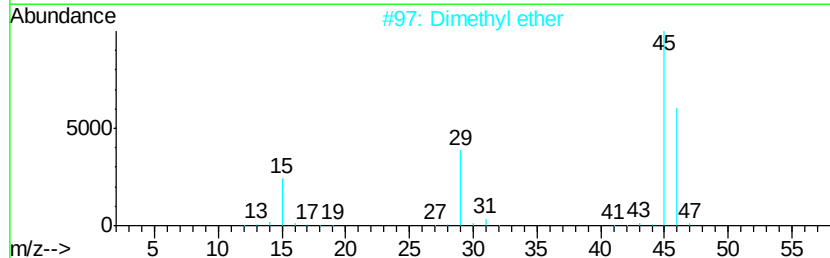
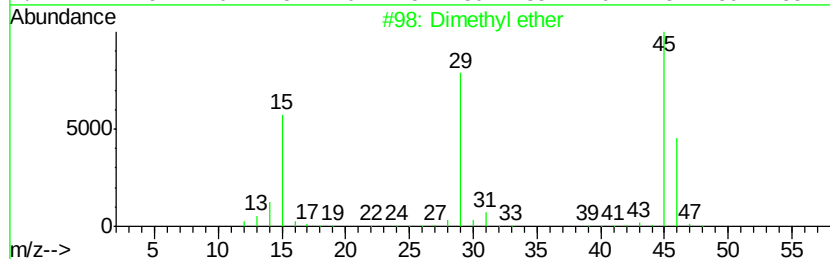
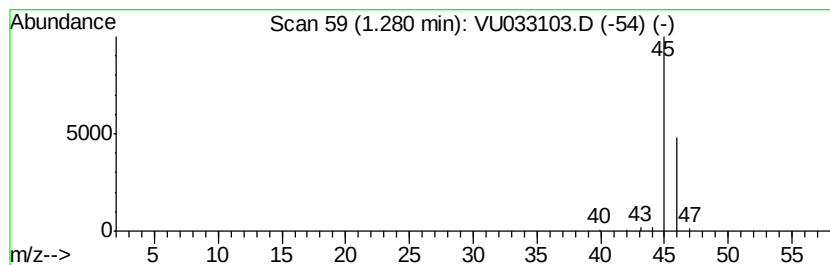
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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	3.35 ug/L	33134	1,4-Difluorobenzene	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	90
2		Dimethyl ether	46	C2H6O	000115-10-6	74
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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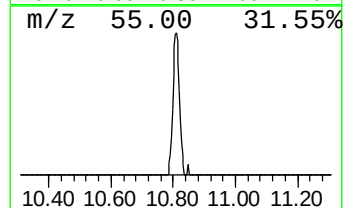
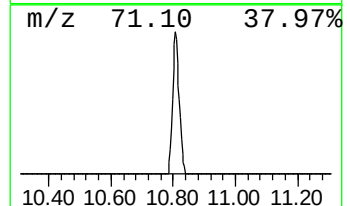
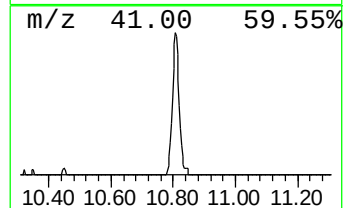
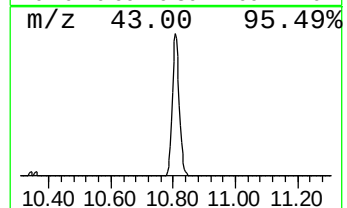
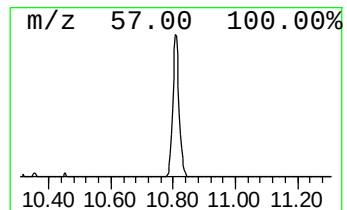
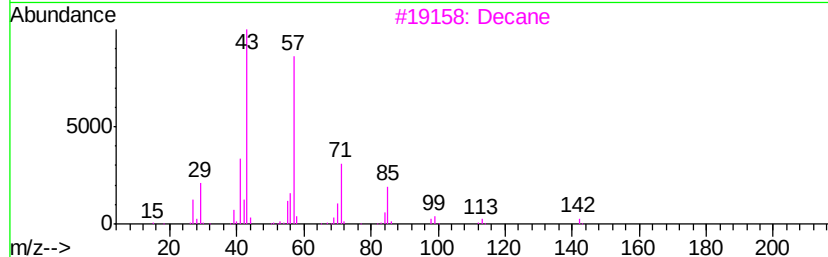
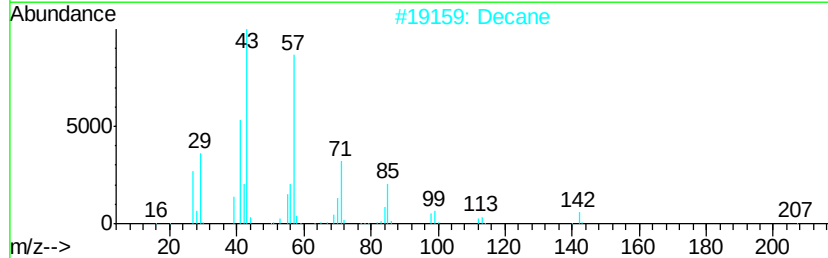
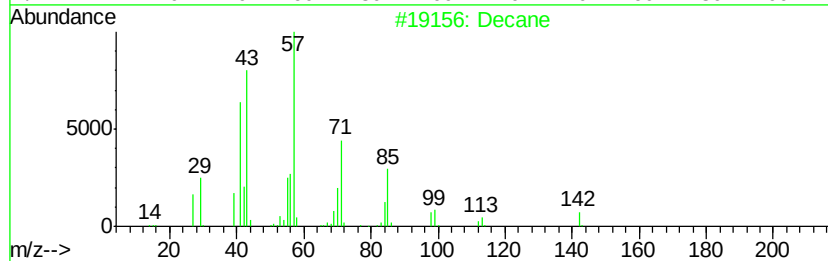
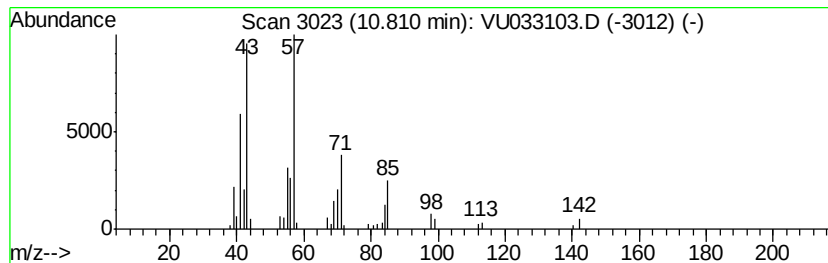
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Quant Title : VOC Analysis

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	2.94 ug/L	37834	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Decane	142	C10H22	000124-18-5	93
3		Decane	142	C10H22	000124-18-5	90
4		Decane	142	C10H22	000124-18-5	87
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	1.28	3.4	ug/L	33134	1	5.87	494773	50.0
(DEL) Alkane: Str...	10.81	2.9	ug/L	37834	3	11.48	644007	50.0