

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081219\
 Data File : VU033766.D
 Acq On : 12 Aug 2019 12:42
 Operator : JC/SP
 Sample : K4202-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B03

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\SOMULM080919WMA.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	1.392	86	94	114	rVB2	1267599	1392244	10.86%	4.104%
2	1.669	173	180	193	rVB	206290	253707	1.98%	0.748%
3	1.746	199	204	215	rVB2	25760	31848	0.25%	0.094%
4	2.260	353	364	378	rBV	331973	512750	4.00%	1.512%
5	2.469	420	429	436	rVV6	983	1675	0.01%	0.005%
6	2.691	485	498	500	rBV4	11623	17357	0.14%	0.051%
7	2.727	503	509	537	rVB	36147	72232	0.56%	0.213%
8	2.830	537	541	546	rVB5	535	508	0.00%	0.001%
9	2.965	570	583	608	rBV	255339	507495	3.96%	1.496%
10	3.129	629	634	640	rBV5	644	720	0.01%	0.002%
11	3.177	644	649	654	rVB3	546	563	0.00%	0.002%
12	3.203	654	657	661	rBV	305	260	0.00%	0.001%
13	3.286	673	683	692	rBV5	3618	6605	0.05%	0.019%
14	3.547	759	764	770	rVV2	357	378	0.00%	0.001%
15	3.685	800	807	813	rBV2	357	394	0.00%	0.001%
16	3.829	850	852	857	rVB	590	405	0.00%	0.001%
17	4.071	910	927	941	rBV2	18541	47578	0.37%	0.140%
18	4.196	941	966	1004	rBV	5239790	12816776	100.00%	37.784%
19	4.620	1082	1098	1122	rBV	225904	534465	4.17%	1.576%
20	4.971	1193	1207	1223	rVB4	15996	36820	0.29%	0.109%
21	5.196	1273	1277	1280	rBV4	1453	1424	0.01%	0.004%
22	5.315	1280	1314	1346	rVV2	456267	1394683	10.88%	4.112%
23	5.460	1350	1359	1371	rVV5	12269	26782	0.21%	0.079%
24	5.534	1372	1382	1392	rVV6	10876	22449	0.18%	0.066%
25	5.604	1395	1404	1417	rVB6	13232	27098	0.21%	0.080%
26	5.730	1437	1443	1445	rBV3	657	594	0.00%	0.002%
27	5.775	1454	1457	1460	rVB3	664	301	0.00%	0.001%
28	5.807	1460	1467	1469	rBV3	451	376	0.00%	0.001%
29	5.865	1469	1485	1517	rBV	457315	904651	7.06%	2.667%
30	6.093	1552	1556	1561	rVB3	405	394	0.00%	0.001%
31	6.164	1561	1578	1609	rBV	2840030	5361636	41.83%	15.806%
32	6.309	1611	1623	1638	rVV	305989	615076	4.80%	1.813%
33	6.392	1641	1649	1666	rVB3	54507	116928	0.91%	0.345%
34	6.617	1711	1719	1730	rBV5	4291	7731	0.06%	0.023%

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Integrator: RTE
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 Title : VOC Analysis

35	6.772	1763	1767	1773	rBV2	657	580	0.00%	0.002%
36	6.804	1773	1777	1778	rBV3	430	344	0.00%	0.001%
37	6.923	1810	1814	1817	rBV2	438	358	0.00%	0.001%
38	7.006	1837	1840	1843	rVB2	347	247	0.00%	0.001%
39	7.051	1851	1854	1857	rVB2	383	276	0.00%	0.001%
40	7.083	1861	1864	1868	rVB2	550	383	0.00%	0.001%
41	7.148	1881	1884	1889	rVB	376	237	0.00%	0.001%
42	7.209	1889	1903	1926	rBV	159837	299191	2.33%	0.882%
43	7.546	1994	2008	2030	rBV	590462	1040312	8.12%	3.067%
44	7.829	2083	2096	2118	rBV	114193	208214	1.62%	0.614%
45	7.980	2141	2143	2148	rVB2	664	406	0.00%	0.001%
46	8.209	2200	2214	2230	rBV	1965195	3283188	25.62%	9.679%
47	8.296	2231	2241	2275	rVB	340819	634210	4.95%	1.870%
48	8.514	2307	2309	2313	rVB3	823	453	0.00%	0.001%
49	8.595	2331	2334	2338	rVB3	458	287	0.00%	0.001%
50	8.691	2361	2364	2367	rVB3	590	373	0.00%	0.001%
51	8.794	2392	2396	2399	rVB3	424	334	0.00%	0.001%
52	8.836	2405	2409	2411	rBV	440	282	0.00%	0.001%
53	8.897	2424	2428	2432	rBV3	277	259	0.00%	0.001%
54	8.955	2442	2446	2452	rBV3	339	383	0.00%	0.001%
55	9.000	2457	2460	2463	rBV2	488	315	0.00%	0.001%
56	9.019	2463	2466	2470	rVB2	341	296	0.00%	0.001%
57	9.070	2470	2482	2512	rBV	690224	1141514	8.91%	3.365%
58	9.228	2528	2531	2533	rBV3	583	345	0.00%	0.001%
59	9.247	2533	2537	2540	rVB4	786	587	0.00%	0.002%
60	9.273	2540	2545	2547	rVB4	602	469	0.00%	0.001%
61	9.296	2547	2552	2555	rBV2	552	428	0.00%	0.001%
62	9.315	2555	2558	2560	rBV2	417	302	0.00%	0.001%
63	9.344	2565	2567	2572	rBV2	410	358	0.00%	0.001%
64	9.373	2572	2576	2582	rVB3	496	519	0.00%	0.002%
65	9.424	2589	2592	2595	rBV2	503	444	0.00%	0.001%
66	9.546	2628	2630	2633	rVB2	469	278	0.00%	0.001%
67	9.643	2657	2660	2663	rBV2	393	339	0.00%	0.001%
68	9.685	2670	2673	2677	rBV2	437	300	0.00%	0.001%
69	9.768	2694	2699	2702	rBV3	663	505	0.00%	0.001%
70	9.832	2715	2719	2721	rVB3	400	245	0.00%	0.001%
71	9.894	2733	2738	2740	rBV3	556	500	0.00%	0.001%

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72	10.032	2776	2781	2785	rVB3	342	335	0.00%	0.001%
73	10.414	2887	2900	2924	rBV	426928	677602	5.29%	1.998%
74	10.537	2935	2938	2941	rVB2	433	323	0.00%	0.001%
75	10.598	2954	2957	2959	rBV2	458	240	0.00%	0.001%
76	10.623	2962	2965	2968	rVB3	404	277	0.00%	0.001%
77	10.643	2968	2971	2974	rBV2	502	355	0.00%	0.001%
78	10.704	2986	2990	2993	rVB3	309	252	0.00%	0.001%
79	10.723	2993	2996	2999	rBV2	379	335	0.00%	0.001%
80	10.797	3016	3019	3023	rVB3	415	295	0.00%	0.001%
81	10.826	3023	3028	3031	rBV3	348	329	0.00%	0.001%
82	10.932	3058	3061	3067	rVB4	424	438	0.00%	0.001%
83	10.987	3073	3078	3079	rBV2	330	255	0.00%	0.001%
84	11.067	3100	3103	3108	rVB2	467	422	0.00%	0.001%
85	11.148	3125	3128	3136	rVB2	660	627	0.00%	0.002%
86	11.196	3139	3143	3145	rBV2	439	332	0.00%	0.001%
87	11.299	3173	3175	3178	rBV2	494	338	0.00%	0.001%
88	11.392	3200	3204	3210	rVB5	607	656	0.01%	0.002%
89	11.466	3215	3227	3246	rBV	629147	985741	7.69%	2.906%
90	11.746	3311	3314	3316	rBV2	339	235	0.00%	0.001%
91	11.842	3330	3344	3371	rBV	552165	915363	7.14%	2.699%
92	12.295	3482	3485	3489	rVB4	701	572	0.00%	0.002%
93	12.369	3506	3508	3509	rBV4	585	252	0.00%	0.001%
94	12.533	3556	3559	3562	rVB3	550	394	0.00%	0.001%
95	12.749	3623	3626	3628	rBV2	538	373	0.00%	0.001%
96	13.022	3708	3711	3714	rVB	555	337	0.00%	0.001%
97	13.073	3725	3727	3733	rVB4	675	606	0.00%	0.002%
98	13.099	3733	3735	3738	rBV2	410	234	0.00%	0.001%
99	13.186	3759	3762	3764	rBV2	493	333	0.00%	0.001%
100	14.006	4015	4017	4019	rBV2	523	275	0.00%	0.001%

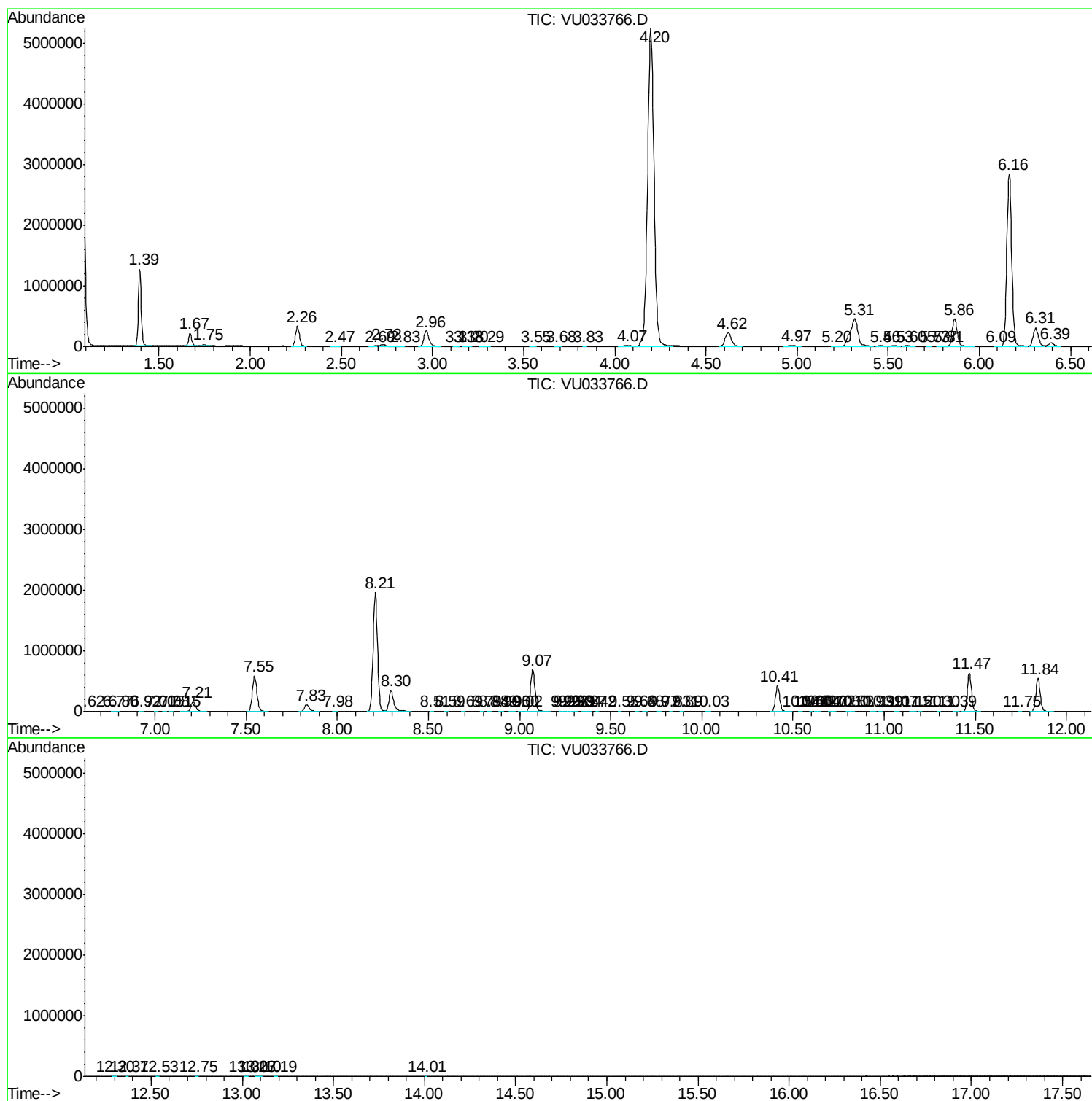
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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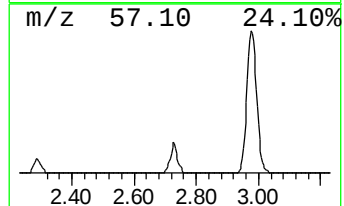
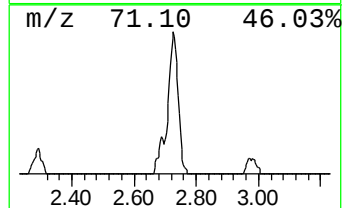
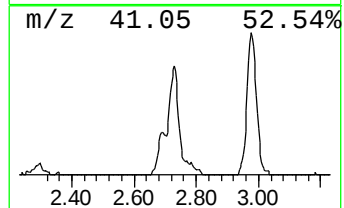
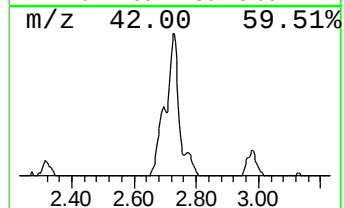
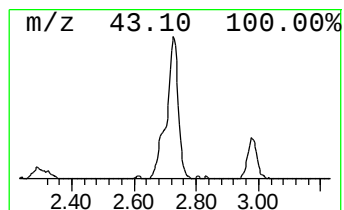
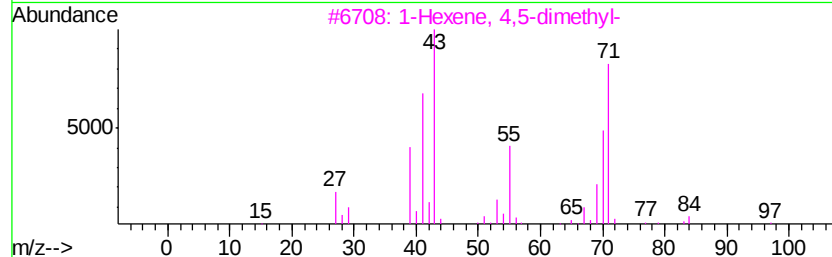
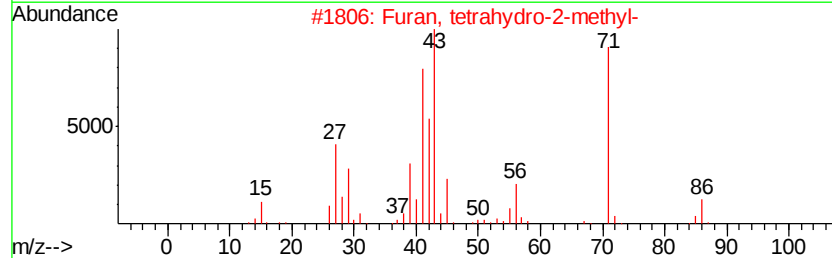
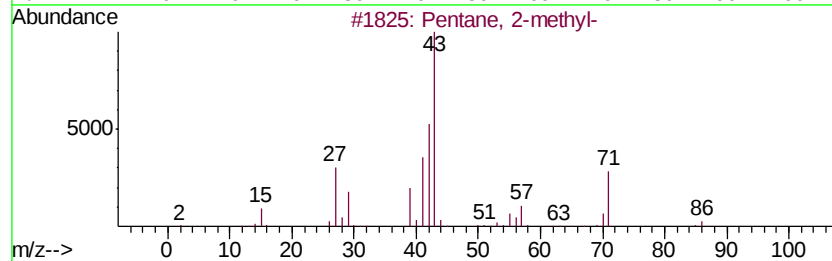
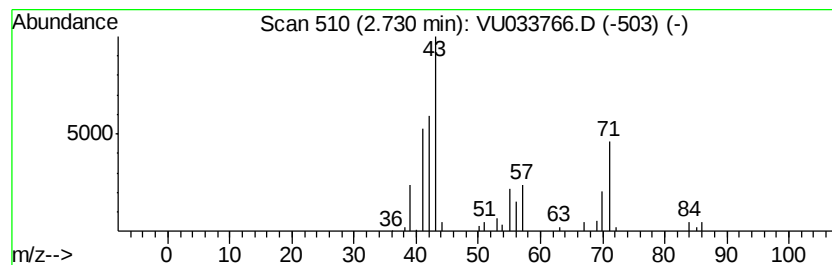
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	3.99 ug/L	72232	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
2		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
3		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	43
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5		Hexane, 3-ethyl-	114	C8H18	000619-99-8	38



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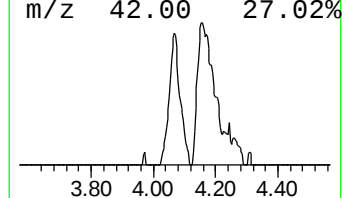
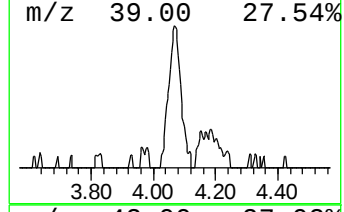
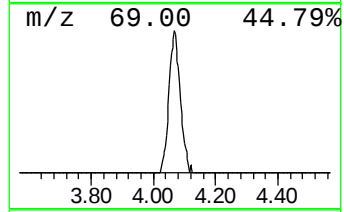
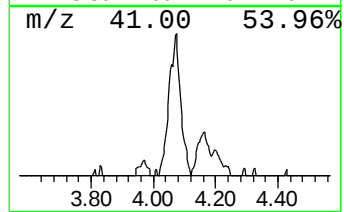
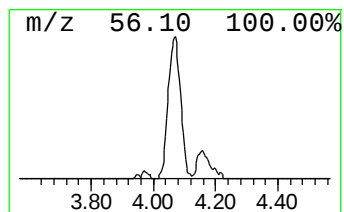
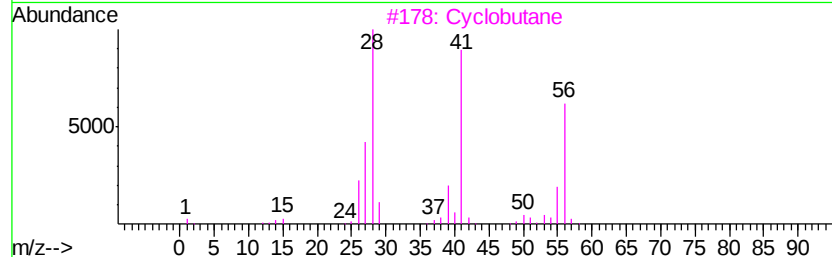
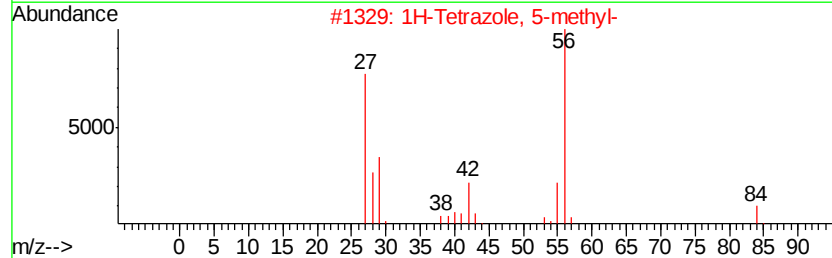
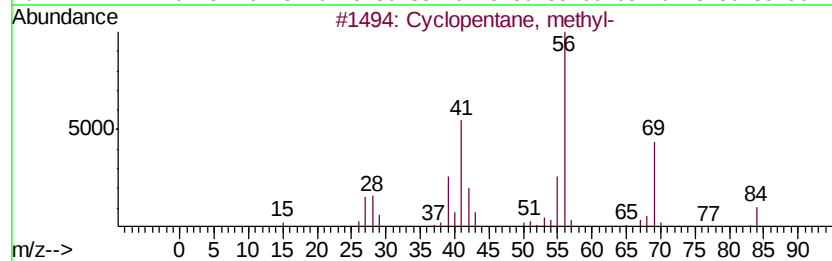
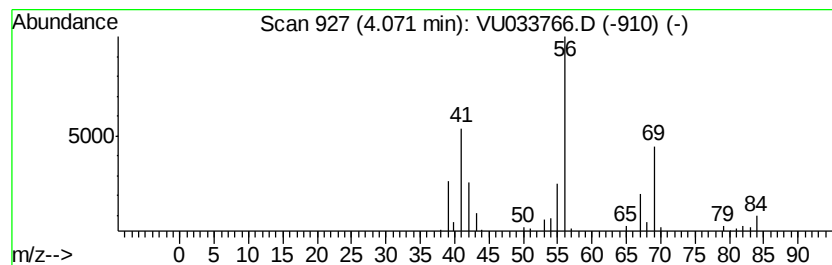
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Peak Number 2 (DEL) Alkane: Cyclic4.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	2.63 ug/L	47578	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	68
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
3		Cyclobutane	56	C4H8	000287-23-0	43
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	40



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.73	4.0	ug/L	72232	1	5.86	904651	50.0
(DEL) Alkane: Cyc...	4.07	2.6	ug/L	47578	1	5.86	904651	50.0