

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112618\
 Data File : VV008716.D
 Acq On : 26 Nov 2018 15:44
 Operator : SY/MD
 Sample : J6036-05
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0928

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_V\METHOD\SOMVLM112018WMA.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	1.319	65	71	84	rVB	136038	140609	0.05%	0.016%
2	1.563	140	147	161	rVB	100422	119581	0.04%	0.014%
3	2.052	294	299	308	rVB8	3203	4363	0.00%	0.000%
4	2.129	312	323	334	rVV	229177	329990	0.11%	0.037%
5	2.190	335	342	356	rVB	28096	46300	0.02%	0.005%
6	2.315	371	381	401	rVB2	8966	26884	0.01%	0.003%
7	2.560	436	457	462	rBV4	9429	26052	0.01%	0.003%
8	2.605	462	471	480	rVB2	32019	53092	0.02%	0.006%
9	2.794	518	530	544	rVV5	10009	21350	0.01%	0.002%
10	2.952	571	579	582	rVV2	398	495	0.00%	0.000%
11	2.997	582	593	602	rVV4	2615	5741	0.00%	0.001%
12	3.074	606	617	630	rVV3	7836	15378	0.00%	0.002%
13	3.151	638	641	644	rVV	300	215	0.00%	0.000%
14	3.174	644	648	651	rVB2	383	248	0.00%	0.000%
15	3.216	658	661	663	rBV2	504	294	0.00%	0.000%
16	3.248	668	671	678	rVB3	329	304	0.00%	0.000%
17	3.814	826	847	870	rBV2	156085	401257	0.13%	0.045%
18	3.933	871	884	930	rVB	84115	249682	0.08%	0.028%
19	4.199	965	967	969	rVB2	482	225	0.00%	0.000%
20	4.216	969	972	974	rBV	316	219	0.00%	0.000%
21	4.338	1005	1010	1013	rBV2	351	273	0.00%	0.000%
22	4.428	1013	1038	1072	rBV2	560658	1681227	0.54%	0.190%
23	4.643	1103	1105	1108	rVB3	437	248	0.00%	0.000%
24	4.730	1117	1132	1150	rVB3	54777	136597	0.04%	0.015%
25	4.881	1162	1179	1197	rBV	291109	686458	0.22%	0.078%
26	5.161	1229	1266	1325	rBV2	25998550	63986070	20.74%	7.242%
27	5.666	1411	1423	1452	rVB	336216	676029	0.22%	0.077%
28	5.913	1497	1500	1504	rBV3	507	376	0.00%	0.000%
29	5.965	1504	1516	1527	rBV5	7091	12734	0.00%	0.001%
30	6.029	1533	1536	1538	rBV3	386	226	0.00%	0.000%
31	6.042	1538	1540	1544	rVB3	541	395	0.00%	0.000%
32	6.122	1549	1565	1578	rBV	254133	546115	0.18%	0.062%
33	6.235	1597	1600	1603	rBV3	1147	833	0.00%	0.000%
34	6.302	1619	1621	1627	rVB3	537	308	0.00%	0.000%

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35	6.370	1636	1642	1644	rBV3	413	395	0.00%	0.000%
36	6.412	1644	1655	1668	rVB3	5276	8803	0.00%	0.001%
37	6.560	1687	1701	1713	rBV2	7764	13554	0.00%	0.002%
38	6.624	1713	1721	1723	rBV4	916	1231	0.00%	0.000%
39	6.698	1739	1744	1754	rVB4	881	1597	0.00%	0.000%
40	6.849	1779	1791	1799	rBV4	1468	2647	0.00%	0.000%
41	7.032	1832	1848	1866	rBV	147368	266048	0.09%	0.030%
42	7.187	1887	1896	1911	rVB4	7340	13955	0.00%	0.002%
43	7.273	1920	1923	1926	rBV2	367	284	0.00%	0.000%
44	7.363	1937	1951	1965	rVV	563677	968213	0.31%	0.110%
45	7.434	1966	1973	1991	rVB2	21447	41744	0.01%	0.005%
46	7.669	2033	2046	2065	rBV	105285	179891	0.06%	0.020%
47	7.823	2088	2094	2096	rBV2	435	345	0.00%	0.000%
48	7.894	2112	2116	2121	rVB3	709	561	0.00%	0.000%
49	7.974	2136	2141	2143	rBV3	1219	953	0.00%	0.000%
50	8.023	2146	2156	2169	rVB3	18806	32172	0.01%	0.004%
51	8.141	2180	2193	2216	rBV	285025	549470	0.18%	0.062%
52	8.338	2252	2254	2261	rVB3	475	394	0.00%	0.000%
53	8.990	2418	2457	2499	rBV7	75444173	308574745	100.00%	34.925%
54	9.595	2636	2645	2656	rBV9	6274	11417	0.00%	0.001%
55	9.813	2710	2713	2716	rBV3	521	400	0.00%	0.000%
56	9.977	2759	2764	2767	rBV4	914	903	0.00%	0.000%
57	10.084	2791	2797	2804	rVB6	952	1544	0.00%	0.000%
58	10.196	2828	2832	2836	rBV4	551	478	0.00%	0.000%
59	10.219	2836	2839	2841	rVV3	609	427	0.00%	0.000%
60	10.267	2842	2854	2875	rVB	511569	818673	0.27%	0.093%
61	10.389	2889	2892	2893	rBV2	383	254	0.00%	0.000%
62	10.418	2897	2901	2903	rBV4	1450	1166	0.00%	0.000%
63	10.473	2909	2918	2933	rVB	35763	57665	0.02%	0.007%
64	10.547	2933	2941	2946	rBV6	692	1285	0.00%	0.000%
65	10.588	2946	2954	2968	rVB2	17980	29004	0.01%	0.003%
66	10.685	2978	2984	2987	rBV3	552	606	0.00%	0.000%
67	10.723	2995	2996	3000	rBV2	404	327	0.00%	0.000%
68	10.797	3015	3019	3022	rBV	384	388	0.00%	0.000%
69	10.833	3028	3030	3032	rBV3	413	223	0.00%	0.000%
70	10.916	3049	3056	3057	rBV4	2788	2280	0.00%	0.000%
71	10.964	3068	3071	3080	rVB3	804	1032	0.00%	0.000%

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72	11.013	3084	3086	3089	rVB3	515	245	0.00%	0.000%
73	11.077	3101	3106	3111	rBV3	433	479	0.00%	0.000%
74	11.103	3111	3114	3118	rVB3	493	415	0.00%	0.000%
75	11.241	3139	3157	3170	rBV	16183253	29382594	9.52%	3.326%
76	11.357	3171	3193	3211	rVB3	73250918	185242094	60.03%	20.966%
77	11.743	3283	3313	3350	rBV5	77568595	231213517	74.93%	26.169%
78	12.167	3438	3445	3453	rBV5	5836	8256	0.00%	0.001%
79	12.382	3506	3512	3521	rVV9	4033	6182	0.00%	0.001%
80	12.447	3521	3532	3549	rVB2	174338	267626	0.09%	0.030%
81	12.630	3577	3589	3599	rBV4	30687	73809	0.02%	0.008%
82	12.691	3599	3608	3624	rVB3	58227	100962	0.03%	0.011%
83	12.800	3631	3642	3654	rBV	82668	127455	0.04%	0.014%
84	12.942	3681	3686	3688	rBV3	780	763	0.00%	0.000%
85	13.048	3711	3719	3732	rVB3	6257	11269	0.00%	0.001%
86	13.325	3787	3805	3833	rBV	26604693	43968303	14.25%	4.976%
87	13.556	3869	3877	3887	rVB	9149	13867	0.00%	0.002%
88	13.653	3903	3907	3912	rVB4	808	847	0.00%	0.000%
89	13.678	3912	3915	3919	rVB4	615	457	0.00%	0.000%
90	13.800	3938	3953	3975	rBV	6706018	10476583	3.40%	1.186%
91	14.090	4040	4043	4048	rBV5	945	857	0.00%	0.000%
92	14.202	4069	4078	4092	rVB4	11050	18440	0.01%	0.002%
93	14.254	4092	4094	4096	rBV	436	279	0.00%	0.000%
94	14.350	4111	4124	4132	rVB7	6179	14730	0.00%	0.002%
95	14.556	4185	4188	4195	rVB4	1528	1550	0.00%	0.000%
96	14.665	4217	4222	4228	rBV5	2581	3077	0.00%	0.000%
97	14.820	4264	4270	4271	rBV3	1269	1248	0.00%	0.000%
98	14.874	4271	4287	4301	rVB	370777	630901	0.20%	0.071%
99	15.173	4377	4380	4382	rBV3	664	496	0.00%	0.000%
100	15.453	4455	4467	4481	rBV	780486	1207534	0.39%	0.137%

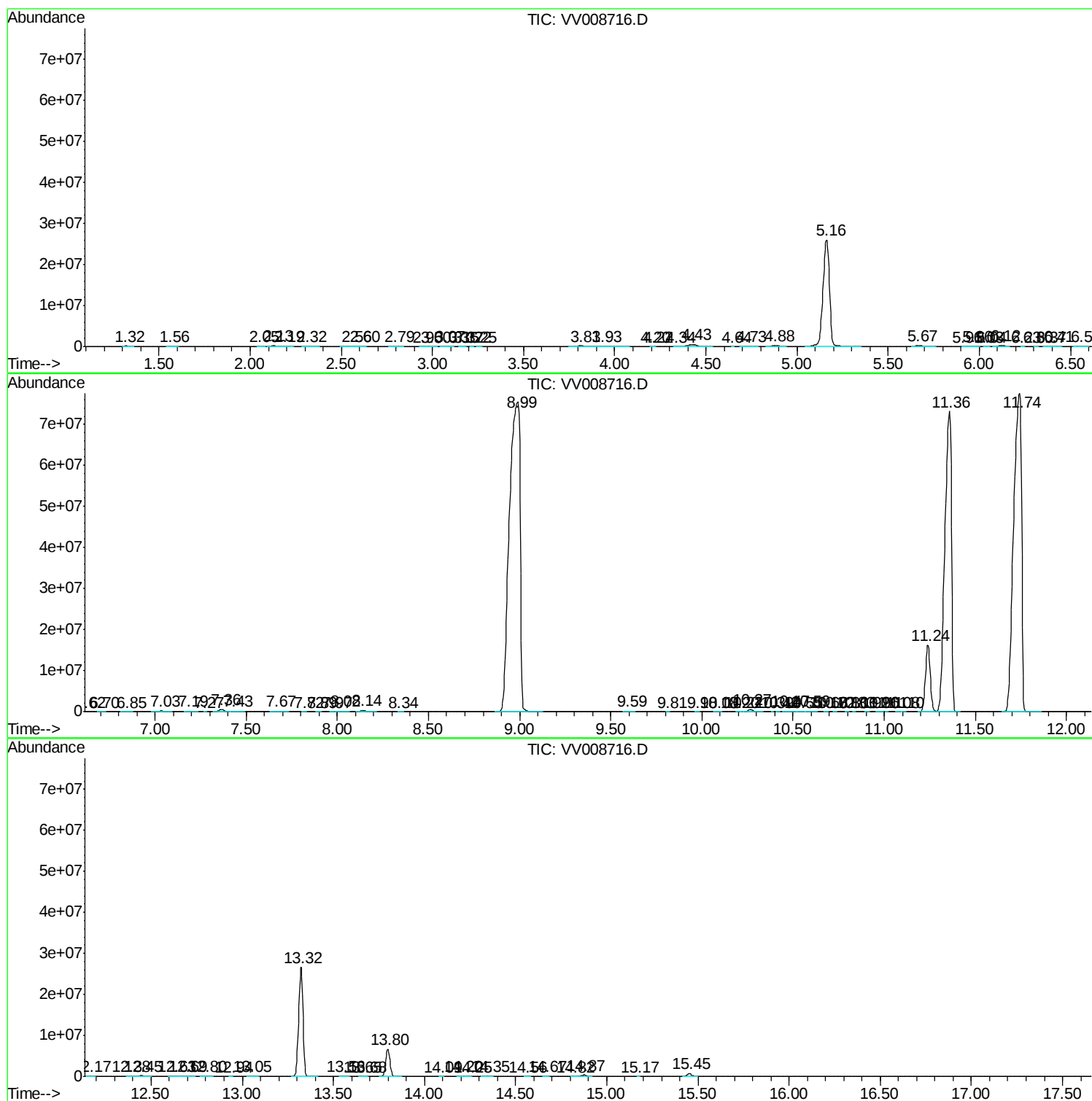
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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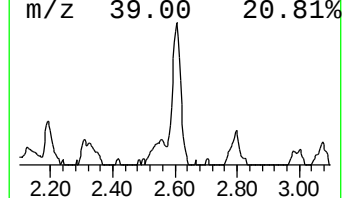
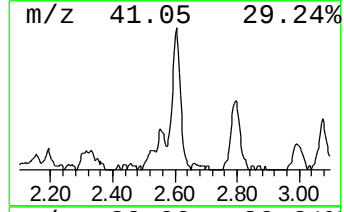
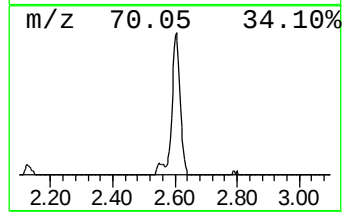
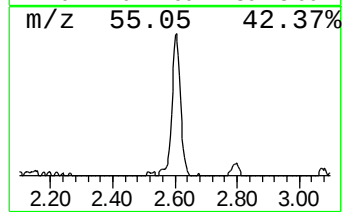
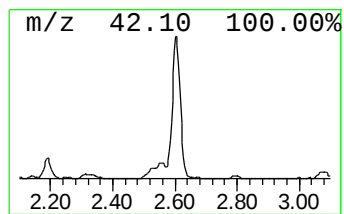
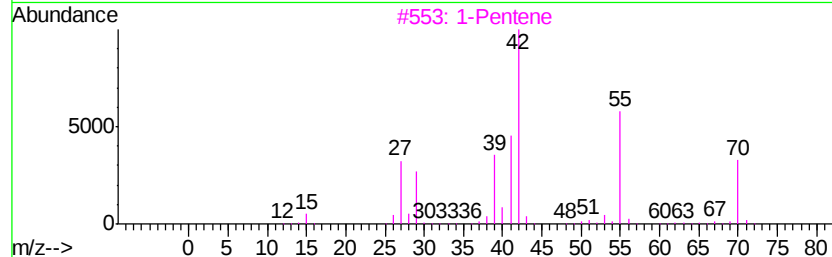
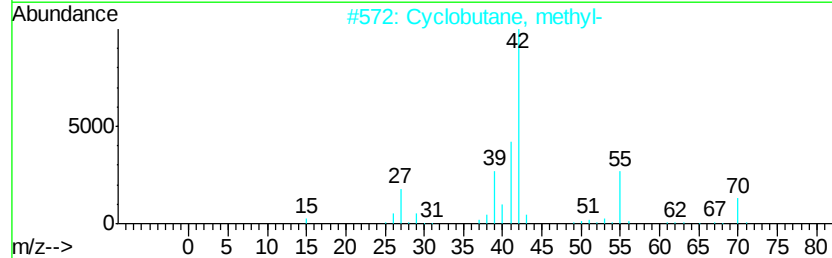
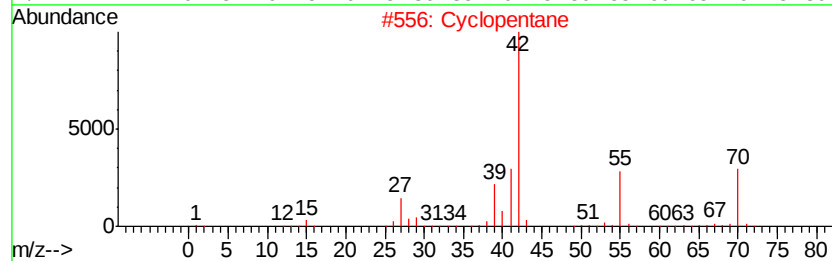
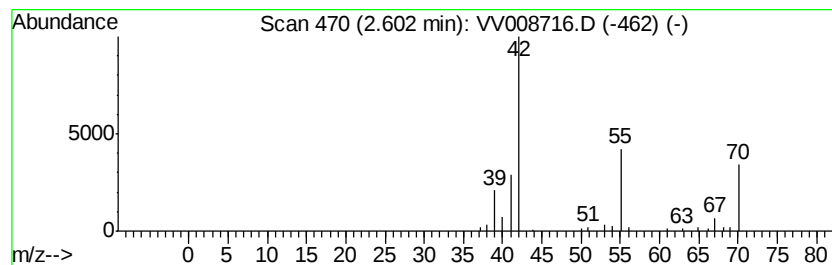
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic2.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	3.93 ug/L	53092	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	80
2			Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3			1-Pentene	70	C5H10	000109-67-1	72
4			Cyclobutane, methyl-	70	C5H10	000598-61-8	72
5			Cyclopentane	70	C5H10	000287-92-3	72



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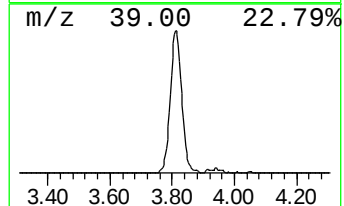
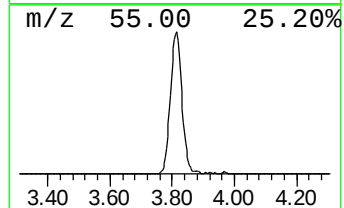
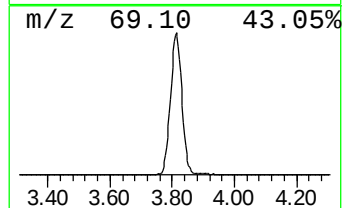
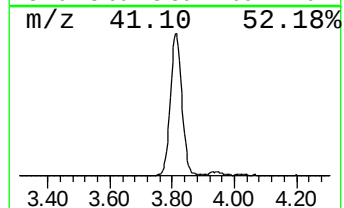
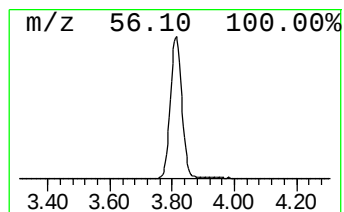
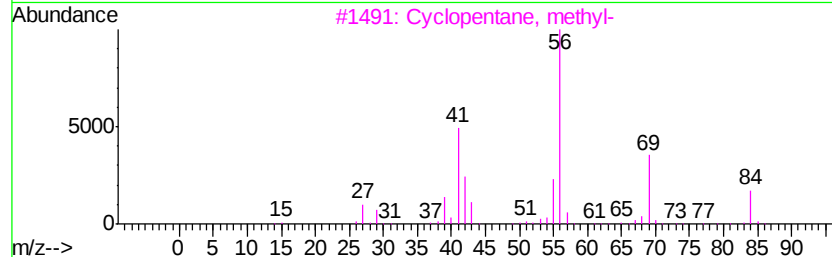
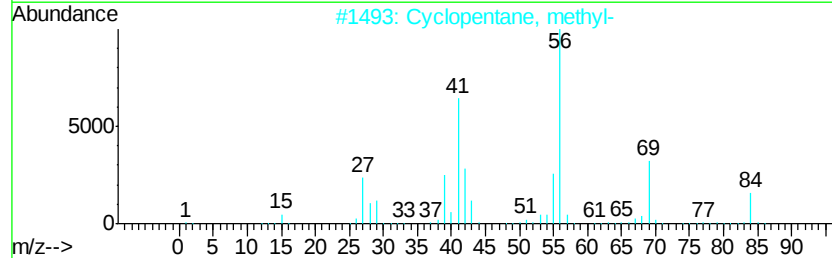
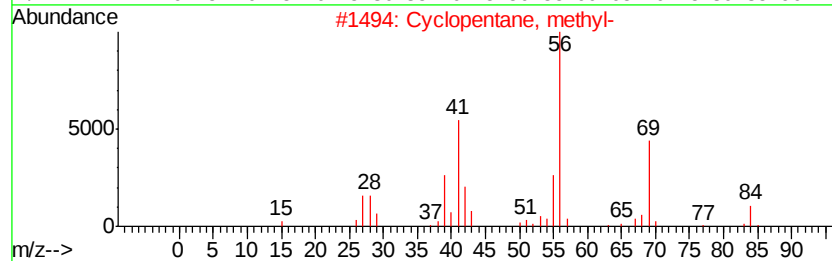
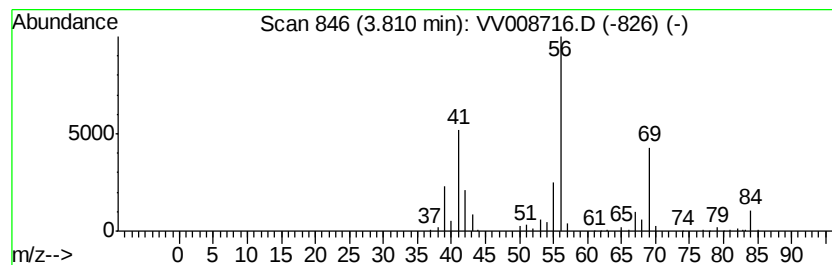
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Peak Number 2 (DEL) Alkane: Cyclic3.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	29.68 ug/L	401257	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.60	3.9	ug/L	53092	1	5.67	676029	50.0
(DEL) Alkane: Cyc...	3.81	29.7	ug/L	401257	1	5.67	676029	50.0