

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035280.D
 Acq On : 18 Apr 2024 14:02
 Operator : SY/MD
 Sample : P2158-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD0

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\SFAMVLM032624WMA.M
 Title : VOC Analysis

Signal : TIC: VV035280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	41	46	50	rBV	5575	5625	0.00%	0.001%
2	1.214	50	54	59	rVV2	4325	4590	0.00%	0.001%
3	1.278	67	74	92	rVB	219355	238397	0.09%	0.028%
4	1.349	93	96	99	rBV	1058	777	0.00%	0.000%
5	1.452	114	128	129	rBV	10570	18577	0.01%	0.002%
6	1.523	143	150	166	rVB	189086	235591	0.09%	0.028%
7	1.590	167	171	186	rVB7	5471	8208	0.00%	0.001%
8	1.709	206	208	215	rVB7	3259	2280	0.00%	0.000%
9	1.761	219	224	232	rVB8	2427	3646	0.00%	0.000%
10	2.008	299	301	303	rVB3	981	445	0.00%	0.000%
11	2.056	303	316	330	rBV	364620	536212	0.19%	0.064%
12	2.236	364	372	388	rVB	14247	21620	0.01%	0.003%
13	2.323	397	399	405	rVB4	724	544	0.00%	0.000%
14	2.445	427	437	448	rBV	25864	46280	0.02%	0.005%
15	2.513	449	458	472	rVB2	27553	50409	0.02%	0.006%
16	2.703	503	517	534	rVB5	6092	13937	0.01%	0.002%
17	2.902	576	579	587	rVB3	417	442	0.00%	0.000%
18	2.963	593	598	600	rBV5	998	962	0.00%	0.000%
19	3.108	637	643	652	rBV4	658	1255	0.00%	0.000%
20	3.667	800	817	847	rBV3	73380	191367	0.07%	0.023%
21	3.789	847	855	900	rBV	107277	322294	0.12%	0.038%
22	3.957	905	907	910	rVB2	964	476	0.00%	0.000%
23	4.159	967	970	978	rBV5	661	677	0.00%	0.000%
24	4.256	980	1000	1038	rBV3	333761	1204516	0.44%	0.143%
25	4.510	1076	1079	1082	rBV5	570	477	0.00%	0.000%
26	4.584	1082	1102	1124	rVB2	33027	91152	0.03%	0.011%
27	4.670	1124	1129	1130	rBV4	466	467	0.00%	0.000%
28	4.735	1130	1149	1175	rBV	266318	677374	0.24%	0.080%
29	4.854	1184	1186	1189	rVB3	1008	513	0.00%	0.000%
30	4.867	1189	1190	1202	rVB7	2098	2307	0.00%	0.000%
31	5.050	1204	1247	1302	rBV3	66188554	276616245	100.00%	32.780%
32	5.535	1387	1398	1434	rVB	426075	923396	0.33%	0.109%
33	5.844	1482	1494	1509	rBV7	13091	30247	0.01%	0.004%
34	5.989	1526	1539	1573	rBV	367084	808452	0.29%	0.096%
35	6.259	1620	1623	1624	rBV2	838	440	0.00%	0.000%
36	6.288	1624	1632	1637	rVV8	2146	4036	0.00%	0.000%

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Title : VOC Analysis

37	6.439	1675	1679	1680	rBV2	920	536	0.00%	0.000%
38	6.725	1756	1768	1775	rBV7	3436	6423	0.00%	0.001%
39	6.912	1817	1826	1867	rVV	181509	352052	0.13%	0.042%
40	7.143	1895	1898	1902	rBV3	640	498	0.00%	0.000%
41	7.188	1910	1912	1918	rVB5	952	757	0.00%	0.000%
42	7.243	1918	1929	1949	rBV	725233	1273105	0.46%	0.151%
43	7.326	1951	1955	1978	rVB	14088	32772	0.01%	0.004%
44	7.452	1991	1994	1997	rVB3	1243	711	0.00%	0.000%
45	7.555	2016	2026	2062	rBV	130152	246094	0.09%	0.029%
46	7.757	2088	2089	2095	rVB3	786	495	0.00%	0.000%
47	7.783	2095	2097	2099	rBV2	830	469	0.00%	0.000%
48	7.828	2109	2111	2115	rVB4	517	420	0.00%	0.000%
49	7.870	2119	2124	2126	rBV5	1815	1609	0.00%	0.000%
50	7.911	2127	2137	2156	rVB2	25675	47988	0.02%	0.006%
51	8.030	2165	2174	2202	rBV	375635	739421	0.27%	0.088%
52	8.304	2255	2259	2264	rBV5	1271	1192	0.00%	0.000%
53	8.384	2282	2284	2290	rVB5	796	731	0.00%	0.000%
54	8.632	2359	2361	2368	rVB4	532	449	0.00%	0.000%
55	8.667	2368	2372	2376	rBV3	527	599	0.00%	0.000%
56	8.841	2394	2426	2432	rBV6	71371346	226315405	81.82%	26.819%
57	9.487	2623	2627	2634	rBV3	3121	3483	0.00%	0.000%
58	9.876	2742	2748	2757	rVB6	2525	3366	0.00%	0.000%
59	10.153	2816	2834	2868	rVV	632520	1026012	0.37%	0.122%
60	10.288	2874	2876	2879	rVB3	1010	488	0.00%	0.000%
61	10.323	2879	2887	2892	rBV5	3487	5412	0.00%	0.001%
62	10.365	2892	2900	2917	rVB2	26280	45890	0.02%	0.005%
63	10.484	2930	2937	2951	rVB2	15582	26542	0.01%	0.003%
64	10.651	2985	2989	2994	rVV6	509	494	0.00%	0.000%
65	10.866	3047	3056	3061	rBV5	2020	3147	0.00%	0.000%
66	11.117	3121	3134	3148	rBV	5981008	9294422	3.36%	1.101%
67	11.226	3148	3168	3190	rVB5	71503909	170505593	61.64%	20.205%
68	11.596	3261	3283	3333	rBV3	68017662	132929501	48.06%	15.752%
69	12.262	3485	3490	3493	rBV4	2205	2112	0.00%	0.000%
70	12.339	3504	3514	3532	rVB	33602	57904	0.02%	0.007%
71	12.480	3554	3558	3559	rBV5	714	539	0.00%	0.000%
72	12.519	3560	3570	3577	rVV3	12590	24395	0.01%	0.003%
73	12.570	3577	3586	3611	rVV	296550	523285	0.19%	0.062%
74	12.686	3614	3622	3634	rVB2	19733	34311	0.01%	0.004%
75	12.937	3692	3700	3703	rBV10	2424	3245	0.00%	0.000%
76	13.075	3741	3743	3749	rVB7	865	775	0.00%	0.000%

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77	13.130	3758	3760	3763	rVB3	988	568	0.00%	0.000%
78	13.197	3766	3781	3822	rBV	11256853	16681667	6.03%	1.977%
79	13.448	3852	3859	3874	rVB	7515	13974	0.01%	0.002%
80	13.564	3893	3895	3900	rVB6	822	560	0.00%	0.000%
81	13.677	3918	3930	3952	rBV	705743	1122495	0.41%	0.133%
82	14.021	4034	4037	4040	rVB5	849	545	0.00%	0.000%
83	14.040	4040	4043	4046	rBV3	1451	945	0.00%	0.000%
84	14.098	4052	4061	4071	rBV3	12080	22900	0.01%	0.003%
85	14.159	4078	4080	4084	rVB3	867	514	0.00%	0.000%
86	14.226	4093	4101	4102	rBV6	1208	1226	0.00%	0.000%
87	14.310	4124	4127	4130	rBV3	583	418	0.00%	0.000%
88	14.374	4143	4147	4150	rVB3	629	501	0.00%	0.000%
89	14.419	4157	4161	4168	rVB6	1415	1670	0.00%	0.000%
90	14.583	4210	4212	4217	rVB4	770	542	0.00%	0.000%
91	14.757	4251	4266	4283	rVV	161915	273681	0.10%	0.032%
92	15.143	4381	4386	4388	rBV3	666	553	0.00%	0.000%
93	15.178	4395	4397	4401	rBV5	503	407	0.00%	0.000%
94	15.281	4427	4429	4433	rVV3	728	453	0.00%	0.000%
95	15.332	4435	4445	4462	rVV	99722	164645	0.06%	0.020%
96	15.500	4495	4497	4503	rBV6	586	492	0.00%	0.000%
97	15.609	4529	4531	4533	rBV3	946	463	0.00%	0.000%
98	15.683	4551	4554	4556	rBV3	936	670	0.00%	0.000%
99	15.866	4608	4611	4615	rVB4	1043	767	0.00%	0.000%
100	15.895	4615	4620	4622	rBV4	1023	1047	0.00%	0.000%

Sum of corrected areas: 843868578

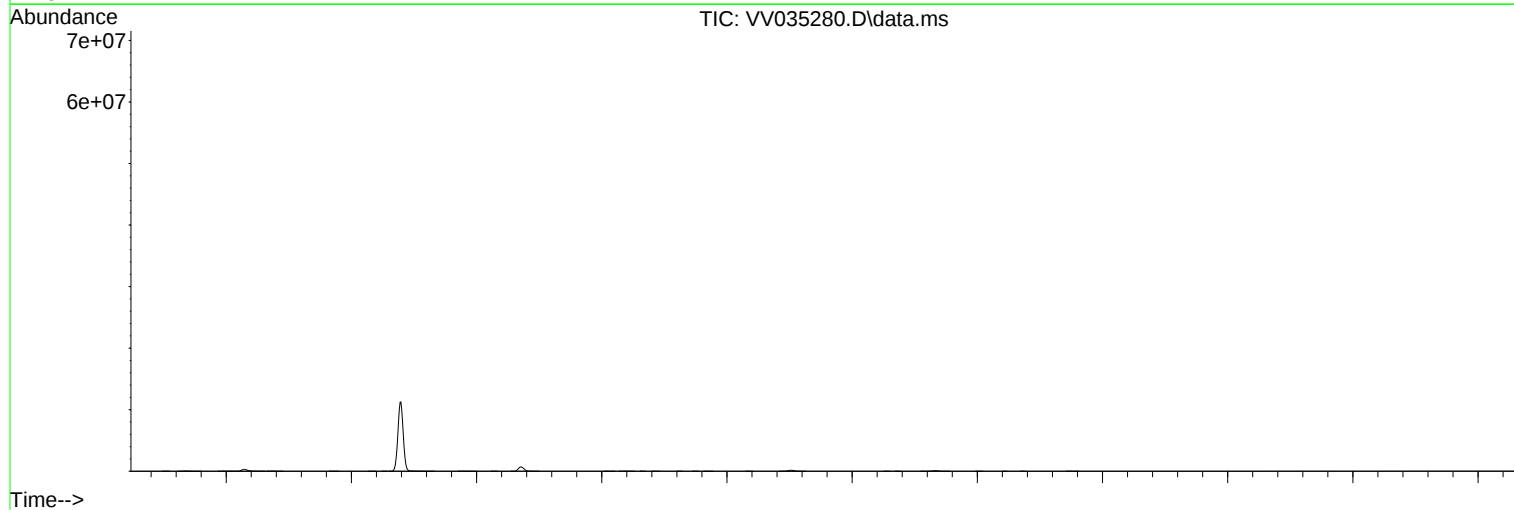
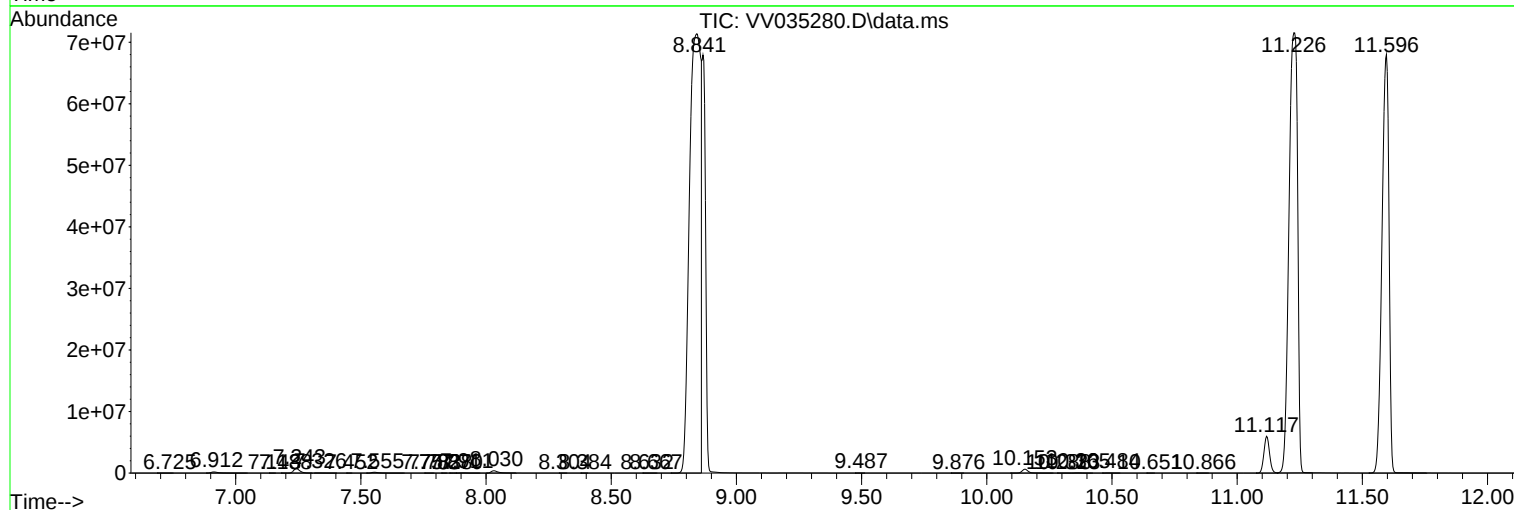
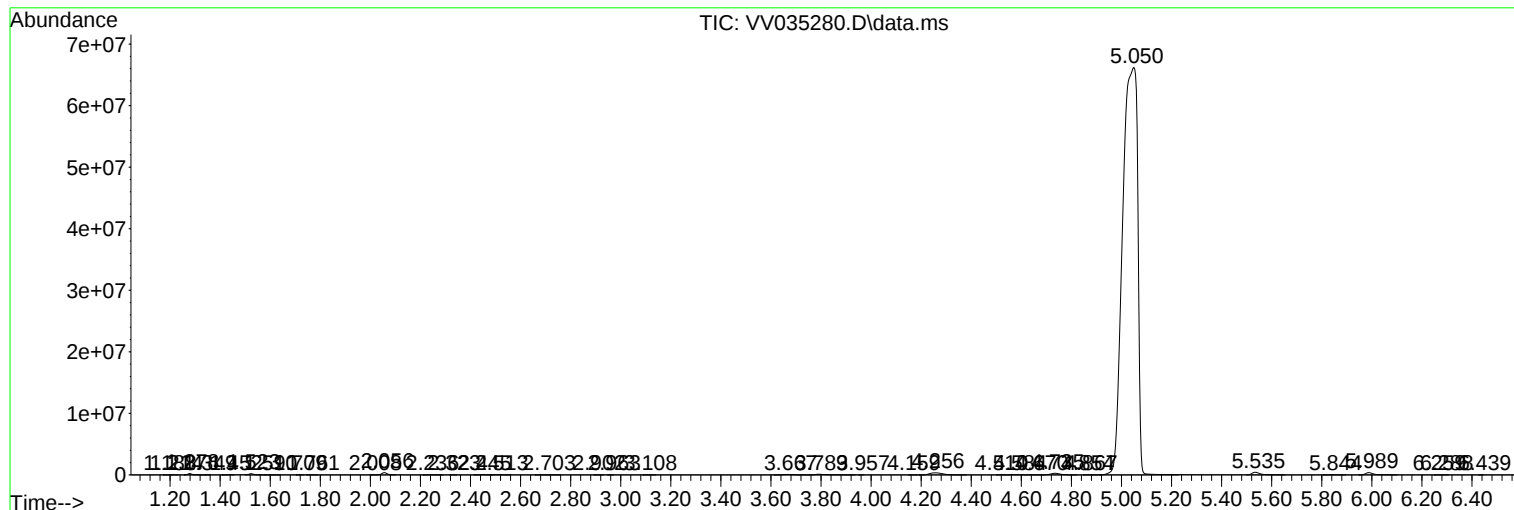
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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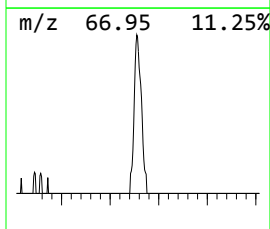
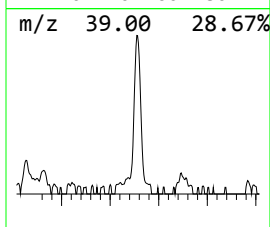
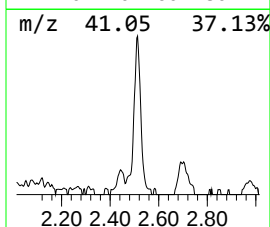
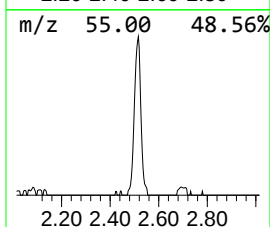
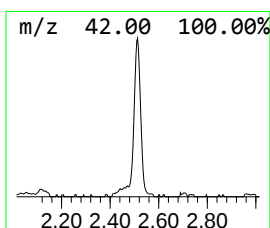
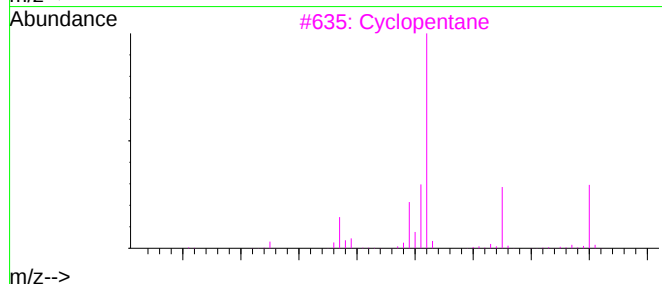
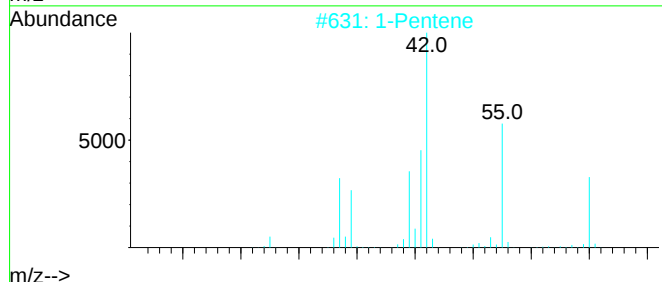
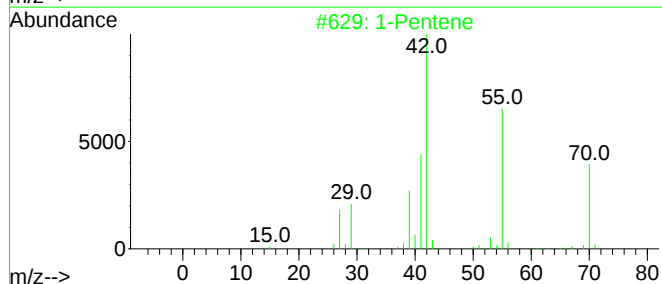
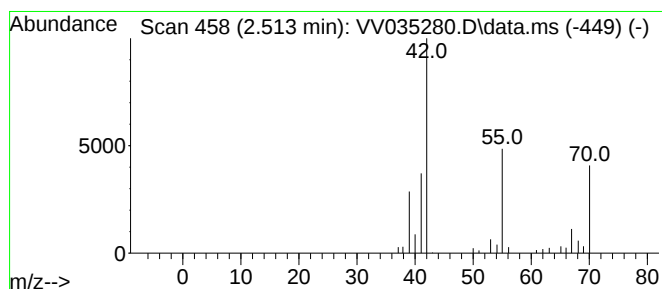
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.513	2.73 ug/L	50409	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	1-Pentene	70	C5H10	000109-67-1	64
3	Cyclopentane	70	C5H10	000287-92-3	64
4	Cyclopentane	70	C5H10	000287-92-3	50
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	45



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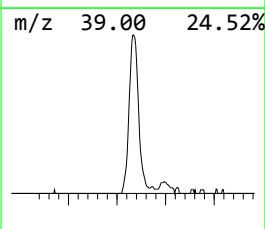
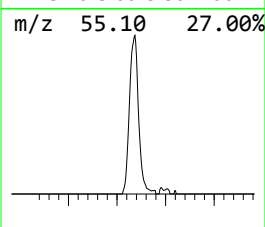
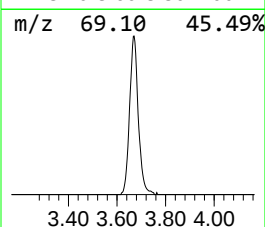
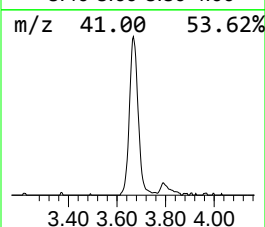
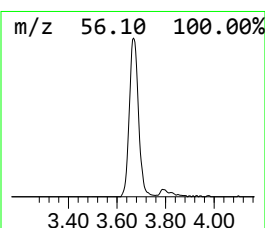
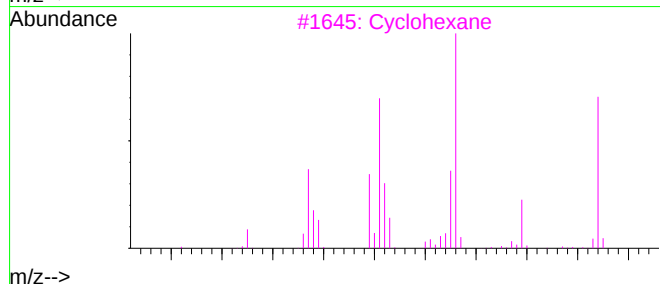
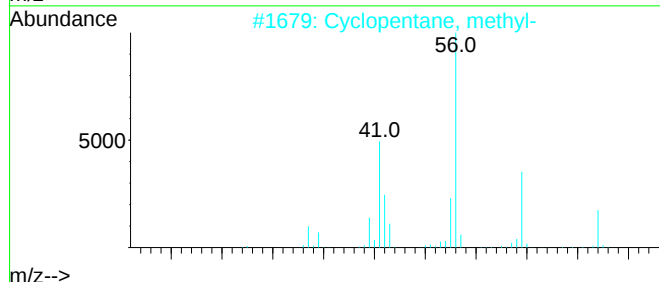
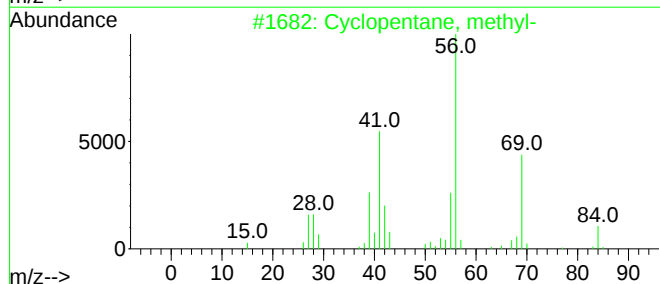
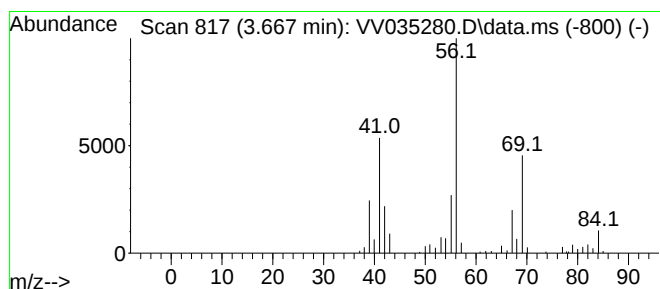
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic3.667 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.667	10.36 ug/L	191367	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3			Cyclohexane	84	C6H12	000110-82-7	64
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5			Cyclohexane	84	C6H12	000110-82-7	59



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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	2.513	2.7	ug/L	50409	1	5.535	923396	50.0
(DEL) Alkane: C...	3.667	10.4	ug/L	191367	1	5.535	923396	50.0