

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028849.D
 Acq On : 21 Dec 2018 01:08
 Operator : MD/SY
 Sample : J6513-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F56

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\SOMULM122018WMA.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	1.398	63	70	79	rVB2	190241	197083	23.64%	2.857%
2	1.453	82	87	98	rVB	25343	25865	3.10%	0.375%
3	1.675	148	156	171	rVB	86025	109740	13.16%	1.591%
4	1.752	174	180	192	rVB	21507	29854	3.58%	0.433%
5	1.942	233	239	255	rVB2	38038	57611	6.91%	0.835%
6	2.048	266	272	282	rVB	20684	27694	3.32%	0.402%
7	2.270	331	341	355	rBV	168962	257474	30.88%	3.733%
8	2.379	368	375	383	rVB3	2577	3682	0.44%	0.053%
9	2.447	387	396	412	rVB	10685	20139	2.42%	0.292%
10	2.633	443	454	460	rBV3	1689	3045	0.37%	0.044%
11	3.000	558	568	577	rBV4	2099	4225	0.51%	0.061%
12	3.054	581	585	593	rVB	214	217	0.03%	0.003%
13	3.199	619	630	637	rBV7	1791	3292	0.39%	0.048%
14	3.305	652	663	675	rBV4	4603	9348	1.12%	0.136%
15	3.418	696	698	699	rBV4	339	171	0.02%	0.002%
16	3.498	714	723	724	rBV3	1647	1848	0.22%	0.027%
17	3.611	755	758	767	rBV	110	154	0.02%	0.002%
18	3.720	783	792	794	rBV2	841	1058	0.13%	0.015%
19	3.803	815	818	822	rBV2	331	229	0.03%	0.003%
20	4.093	894	908	922	rBV3	9730	25314	3.04%	0.367%
21	4.176	922	934	961	rBV	80128	215675	25.87%	3.127%
22	4.466	1021	1024	1027	rBV3	181	119	0.01%	0.002%
23	4.514	1034	1039	1042	rBV2	321	311	0.04%	0.005%
24	4.543	1045	1048	1053	rVB2	211	203	0.02%	0.003%
25	4.646	1063	1080	1107	rBV	127039	296966	35.62%	4.306%
26	4.781	1113	1122	1132	rVB4	2300	4352	0.52%	0.063%
27	4.884	1149	1154	1166	rVB3	497	888	0.11%	0.013%
28	4.996	1176	1189	1202	rVB4	6064	13679	1.64%	0.198%
29	5.051	1202	1206	1207	rBV2	318	201	0.02%	0.003%
30	5.221	1252	1259	1264	rVB2	999	1000	0.12%	0.014%
31	5.250	1264	1268	1271	rBV2	312	219	0.03%	0.003%
32	5.340	1271	1296	1331	rBV2	269591	833770	100.00%	12.089%
33	5.601	1371	1377	1378	rBV2	499	333	0.04%	0.005%
34	5.662	1393	1396	1397	rBV2	341	164	0.02%	0.002%

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 Title : VOC Analysis

35	5.749	1419	1423	1427	rBV2	285	237	0.03%	0.003%
36	5.787	1427	1435	1444	rBV3	1858	3296	0.40%	0.048%
37	5.826	1444	1447	1451	rBV	160	167	0.02%	0.002%
38	5.884	1451	1465	1490	rBV	264934	516840	61.99%	7.494%
39	6.192	1555	1561	1562	rBV2	954	828	0.10%	0.012%
40	6.327	1589	1603	1620	rBV	180009	360578	43.25%	5.228%
41	6.594	1683	1686	1689	rVV	270	192	0.02%	0.003%
42	6.639	1695	1700	1709	rVB3	765	986	0.12%	0.014%
43	6.813	1750	1754	1756	rBV3	364	282	0.03%	0.004%
44	6.826	1756	1758	1761	rVV2	348	245	0.03%	0.004%
45	7.064	1825	1832	1842	rBV3	1456	2407	0.29%	0.035%
46	7.125	1846	1851	1853	rBV	328	237	0.03%	0.003%
47	7.183	1864	1869	1870	rBV2	401	296	0.04%	0.004%
48	7.225	1871	1882	1898	rVV	104032	186399	22.36%	2.703%
49	7.382	1924	1931	1936	rVB3	426	608	0.07%	0.009%
50	7.430	1936	1946	1955	rBV5	1623	2658	0.32%	0.039%
51	7.501	1965	1968	1970	rBV	203	127	0.02%	0.002%
52	7.565	1970	1988	2004	rBV	364168	637109	76.41%	9.237%
53	7.848	2064	2076	2092	rBV	71799	121626	14.59%	1.763%
54	8.028	2128	2132	2133	rBV	178	142	0.02%	0.002%
55	8.089	2147	2151	2157	rBV3	426	556	0.07%	0.008%
56	8.147	2166	2169	2170	rBV	222	117	0.01%	0.002%
57	8.228	2189	2194	2201	rVB4	1380	1794	0.22%	0.026%
58	8.308	2208	2219	2244	rBV	278436	471328	56.53%	6.834%
59	8.479	2269	2272	2274	rBV3	734	518	0.06%	0.008%
60	8.540	2286	2291	2298	rBV4	862	1148	0.14%	0.017%
61	8.604	2308	2311	2314	rVB3	447	292	0.04%	0.004%
62	8.675	2330	2333	2335	rBV2	248	174	0.02%	0.003%
63	8.707	2338	2343	2347	rVB	338	287	0.03%	0.004%
64	8.729	2347	2350	2353	rBV2	192	141	0.02%	0.002%
65	8.749	2353	2356	2363	rBV2	158	158	0.02%	0.002%
66	8.797	2368	2371	2373	rVB	160	111	0.01%	0.002%
67	8.890	2396	2400	2404	rBV	165	121	0.01%	0.002%
68	8.990	2428	2431	2436	rBV	245	207	0.02%	0.003%
69	9.028	2441	2443	2446	rVB2	414	256	0.03%	0.004%
70	9.089	2449	2462	2487	rBV	370108	620815	74.46%	9.001%
71	9.250	2502	2512	2526	rBV	13955	23650	2.84%	0.343%

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 Title : VOC Analysis

72	9.331	2534	2537	2540	rBV	204	126	0.02%	0.002%
73	9.376	2540	2551	2570	rBV	30630	52816	6.33%	0.766%
74	9.530	2596	2599	2605	rVB	230	182	0.02%	0.003%
75	9.777	2667	2676	2686	rBV2	5905	9019	1.08%	0.131%
76	10.083	2769	2771	2774	rBV	422	201	0.02%	0.003%
77	10.109	2776	2779	2782	rBV	320	123	0.01%	0.002%
78	10.282	2830	2833	2836	rVB2	183	140	0.02%	0.002%
79	10.337	2846	2850	2852	rBV	220	191	0.02%	0.003%
80	10.430	2867	2879	2901	rBV	268219	419959	50.37%	6.089%
81	10.594	2920	2930	2931	rBV	2355	3147	0.38%	0.046%
82	10.652	2945	2948	2949	rBV	241	111	0.01%	0.002%
83	10.681	2949	2957	2962	rBV2	5229	8329	1.00%	0.121%
84	10.771	2980	2985	2997	rVB3	2914	4022	0.48%	0.058%
85	10.916	3027	3030	3035	rBV	220	172	0.02%	0.002%
86	10.970	3038	3047	3058	rVB2	3269	5147	0.62%	0.075%
87	11.086	3081	3083	3087	rBV	297	174	0.02%	0.003%
88	11.147	3093	3102	3114	rBV	14877	23188	2.78%	0.336%
89	11.482	3195	3206	3224	rBV	354014	550366	66.01%	7.980%
90	11.572	3229	3234	3243	rVB2	5268	7267	0.87%	0.105%
91	11.655	3258	3260	3264	rVB2	277	201	0.02%	0.003%
92	11.765	3284	3294	3305	rBV5	6606	12347	1.48%	0.179%
93	11.858	3311	3323	3344	rVB	341011	550724	66.05%	7.985%
94	11.980	3356	3361	3374	rVB6	1281	2334	0.28%	0.034%
95	12.253	3441	3446	3456	rVB4	1728	2236	0.27%	0.032%
96	12.353	3470	3477	3488	rVB3	2233	3424	0.41%	0.050%
97	13.121	3709	3716	3728	rVB6	7415	11597	1.39%	0.168%
98	13.745	3900	3910	3928	rBV2	31779	57174	6.86%	0.829%
99	14.880	4255	4263	4286	rVB2	23150	42722	5.12%	0.619%
100	15.063	4313	4320	4332	rVB	16876	26847	3.22%	0.389%

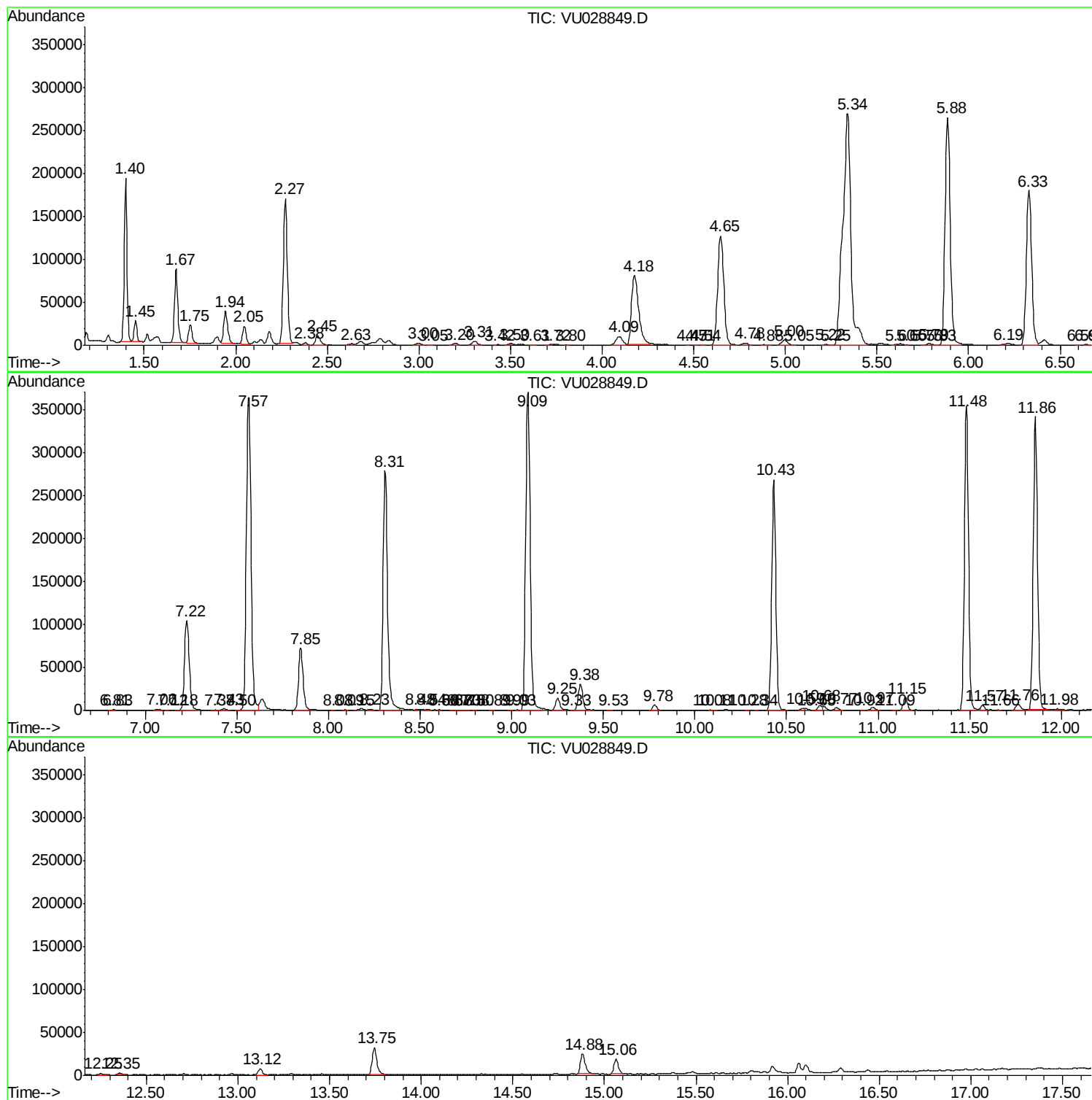
Sum of corrected areas: 6897142

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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



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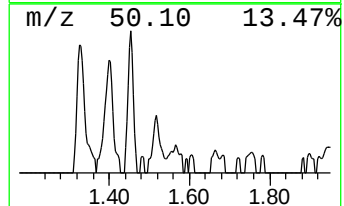
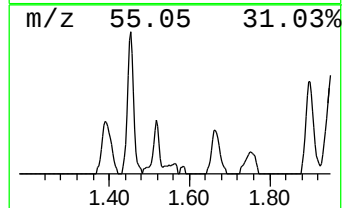
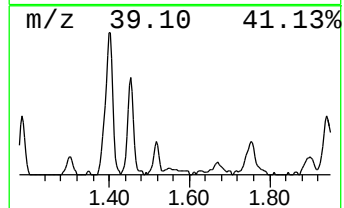
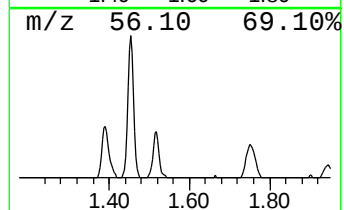
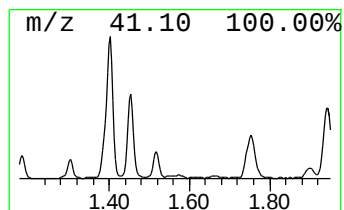
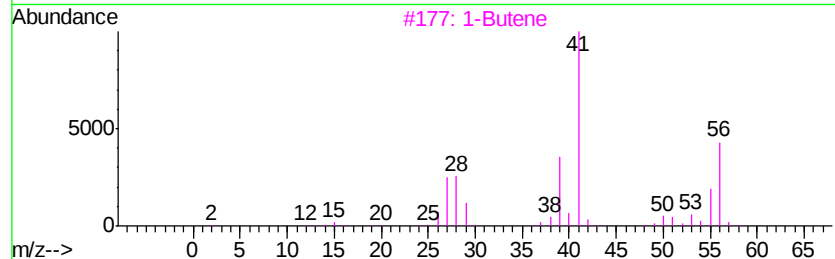
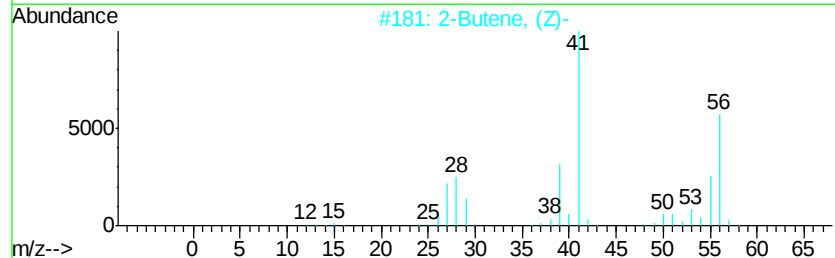
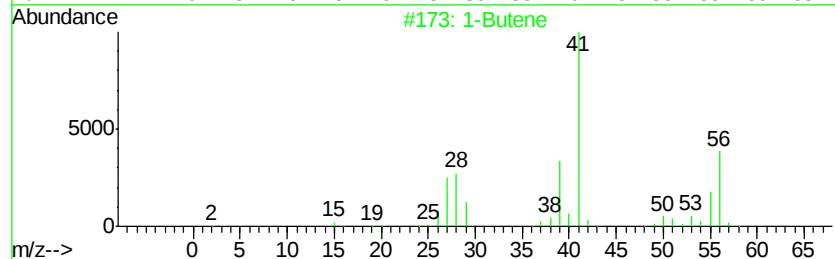
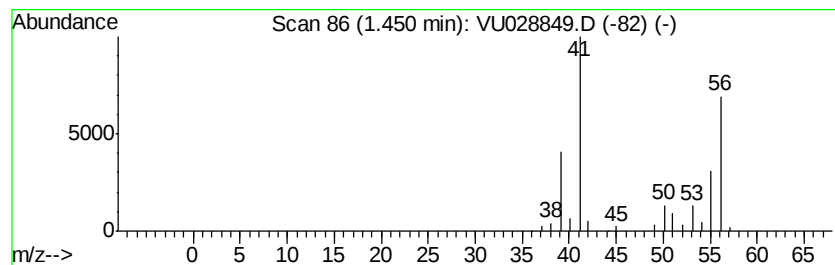
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic1.45 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	2.50 ug/L	25865	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene	56	C4H8	000106-98-9	80
2			2-Butene, (Z)-	56	C4H8	000590-18-1	80
3			1-Butene	56	C4H8	000106-98-9	80
4			1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5			2-Butene, (Z)-	56	C4H8	000590-18-1	74



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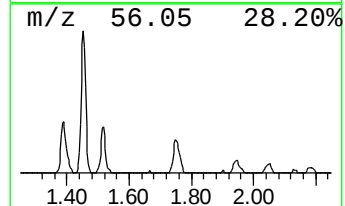
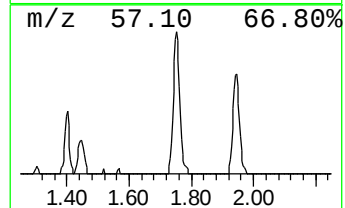
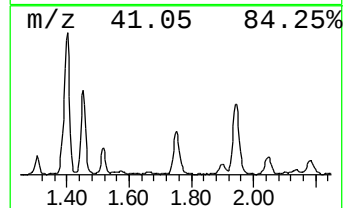
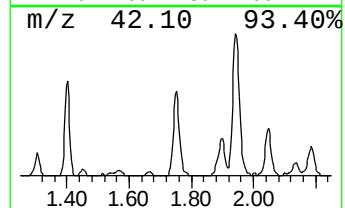
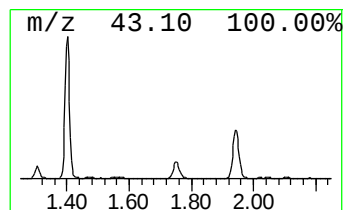
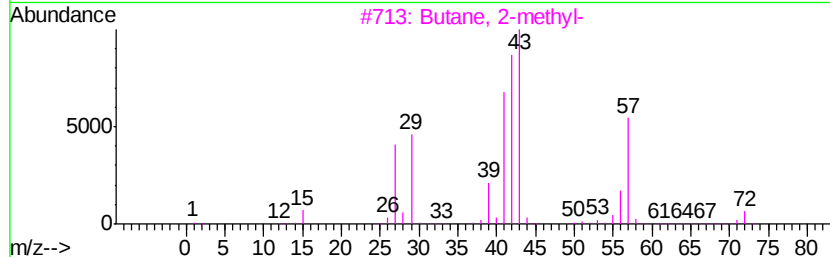
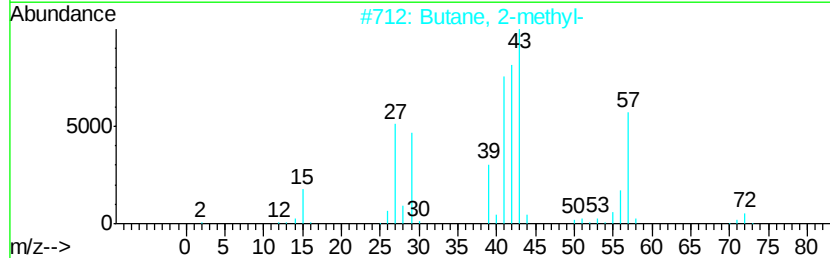
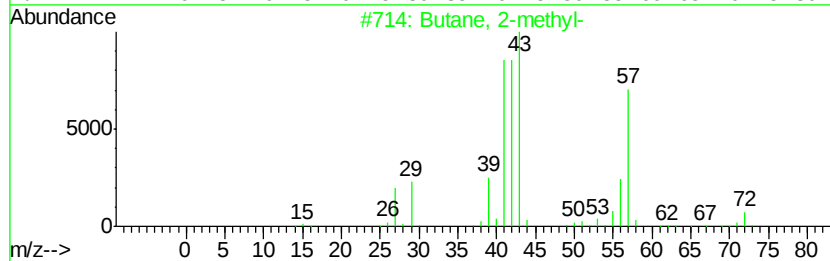
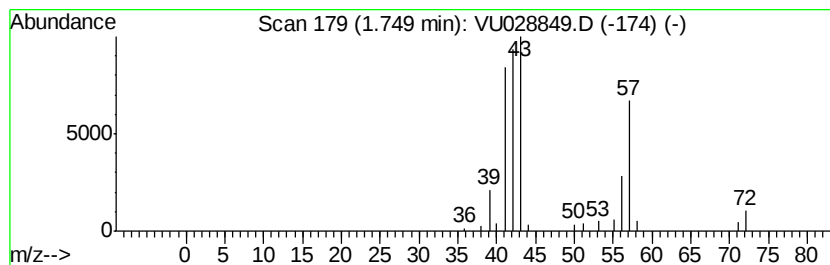
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	2.89 ug/L	29854	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Butane, 2-methyl-	72	C5H12	000078-78-4	86
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	12
5		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10



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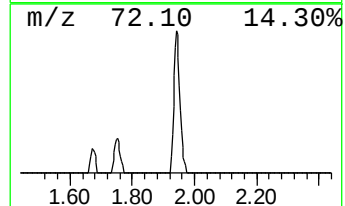
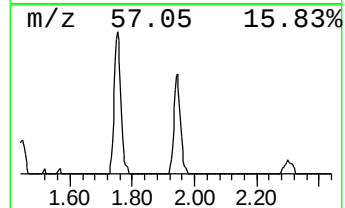
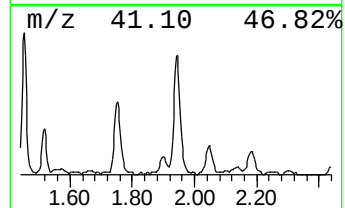
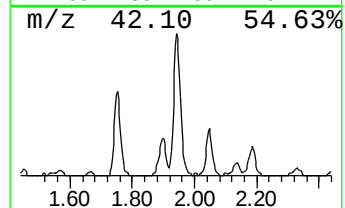
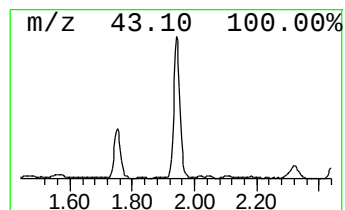
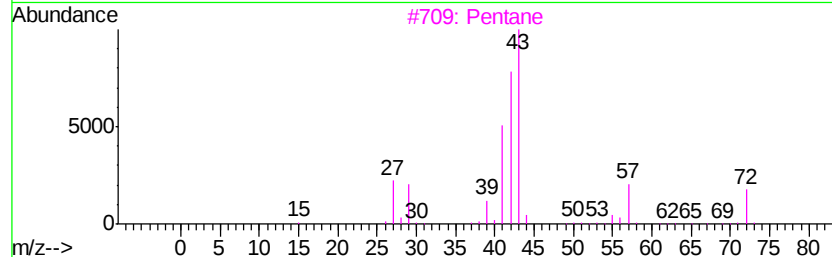
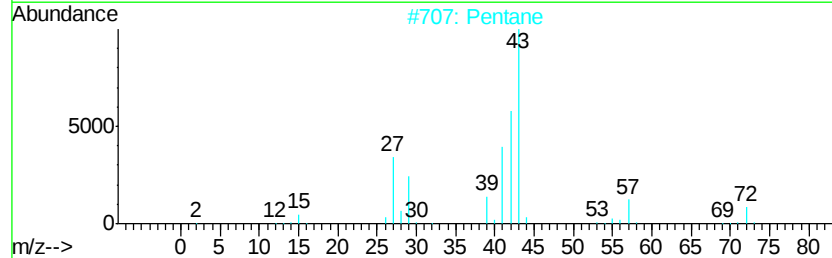
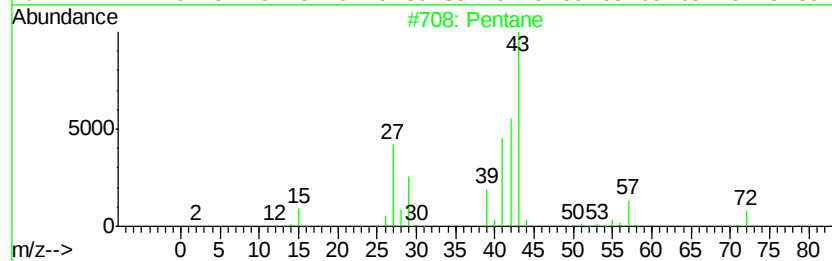
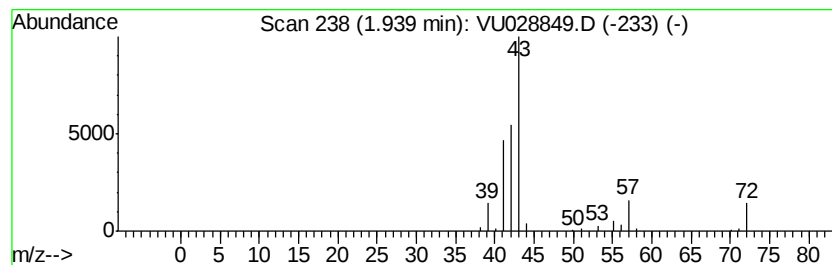
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	5.57 ug/L	57611	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	90
4		Pentane	72	C5H12	000109-66-0	80
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028849.D
Acq On : 21 Dec 2018 01:08
Operator : MD/SY
Sample : J6513-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
F9F56

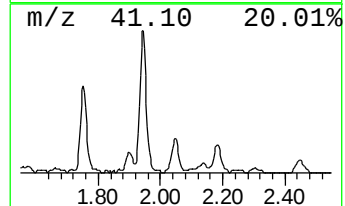
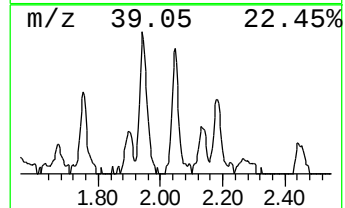
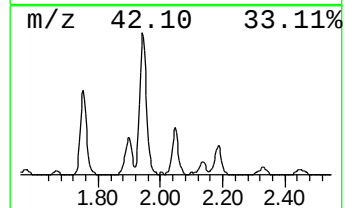
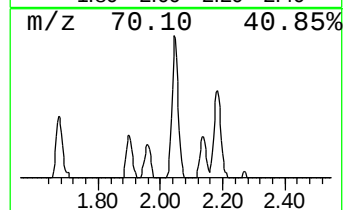
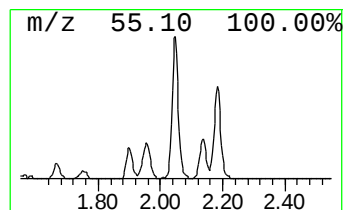
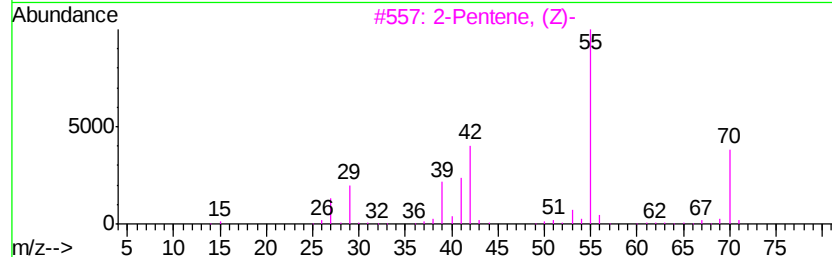
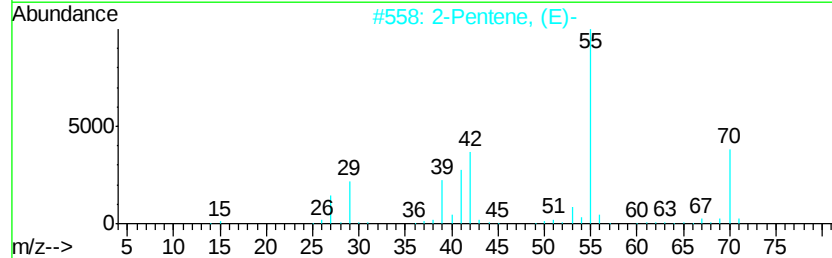
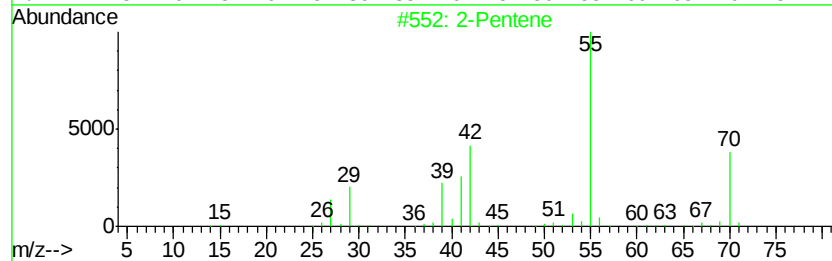
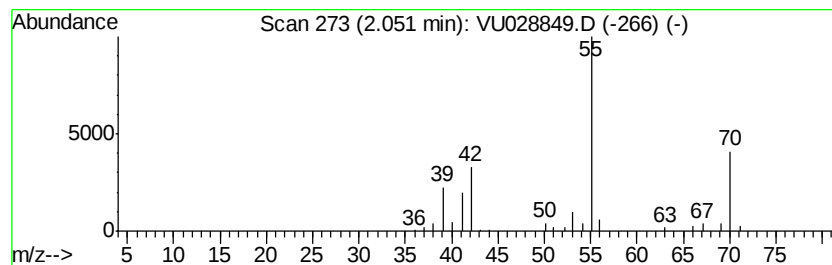
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic2.05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.05	2.68 ug/L	27694	1,4-Difluorobenzene	5.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene		70	C5H10	000109-68-2	90
2	2-Pentene, (E)-		70	C5H10	000646-04-8	90
3	2-Pentene, (Z)-		70	C5H10	000627-20-3	90
4	2-Butene, 2-methyl-		70	C5H10	000513-35-9	87
5	2-Methyl-1-butene		70	C5H10	000563-46-2	87



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Instrument :
MSVOA_U
ClientSampleId :
F9F56

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.45	2.5	ug/L	25865	1	5.88	516840	50.0
(DEL) Alkane: Str...	1.75	2.9	ug/L	29854	1	5.88	516840	50.0
(DEL) Alkane: Str...	1.94	5.6	ug/L	57611	1	5.88	516840	50.0
(DEL) Alkane: Cyc...	2.05	2.7	ug/L	27694	1	5.88	516840	50.0