

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025840.D
 Acq On : 03 Aug 2018 23:51
 Operator : MD/SY
 Sample : J4340-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F81

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\SOMULM072018WMA.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	0.648	15	18	23	rBV3	328	328	0.01%	0.002%
2	0.712	34	38	41	rBV	426	394	0.01%	0.003%
3	0.969	115	118	125	rVB3	372	483	0.01%	0.004%
4	1.015	125	132	136	rBV3	255	270	0.01%	0.002%
5	1.088	136	155	178	rBV	3914065	4268646	100.00%	31.772%
6	1.185	179	185	198	rVB	26200	26689	0.63%	0.199%
7	1.304	216	222	237	rVB	45935	47124	1.10%	0.351%
8	1.404	243	253	263	rBV2	266413	278608	6.53%	2.074%
9	1.683	331	340	353	rBV	95540	123459	2.89%	0.919%
10	1.760	355	364	383	rVB	176258	234416	5.49%	1.745%
11	1.947	415	422	434	rVB2	27756	39942	0.94%	0.297%
12	2.053	449	455	464	rVB3	8215	10760	0.25%	0.080%
13	2.140	475	482	489	rBV2	9140	12411	0.29%	0.092%
14	2.275	513	524	537	rBV	214385	327893	7.68%	2.441%
15	2.381	550	557	566	rVB6	2542	3796	0.09%	0.028%
16	2.449	571	578	583	rBV4	1872	2812	0.07%	0.021%
17	2.558	609	612	614	rBV3	533	329	0.01%	0.002%
18	2.619	624	631	633	rBV3	832	923	0.02%	0.007%
19	2.686	641	652	668	rBV5	12272	29904	0.70%	0.223%
20	2.793	675	685	709	rVB2	33760	79000	1.85%	0.588%
21	2.947	729	733	737	rVB2	375	337	0.01%	0.003%
22	3.005	737	751	765	rBV3	22953	49255	1.15%	0.367%
23	3.088	773	777	779	rBV	468	401	0.01%	0.003%
24	3.143	791	794	799	rBV3	345	291	0.01%	0.002%
25	3.198	807	811	815	rBV3	629	494	0.01%	0.004%
26	3.310	838	846	854	rVB5	2149	3825	0.09%	0.028%
27	3.632	942	946	947	rBV	384	262	0.01%	0.002%
28	3.657	947	954	956	rBV4	1578	1576	0.04%	0.012%
29	3.731	965	977	989	rBV6	2234	5081	0.12%	0.038%
30	3.805	993	1000	1003	rBV3	1557	1687	0.04%	0.013%
31	3.944	1039	1043	1049	rBV	717	821	0.02%	0.006%
32	4.101	1076	1092	1103	rBV3	9974	24819	0.58%	0.185%
33	4.182	1103	1117	1159	rVB2	88406	260244	6.10%	1.937%
34	4.400	1179	1185	1188	rVV3	535	486	0.01%	0.004%

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 Title : VOC Analysis

35	4.529	1222	1225	1229	rVB2	587	452	0.01%	0.003%
36	4.551	1229	1232	1235	rBV	614	472	0.01%	0.004%
37	4.651	1246	1263	1286	rBV	178598	419861	9.84%	3.125%
38	4.818	1311	1315	1321	rBV3	477	506	0.01%	0.004%
39	4.873	1328	1332	1333	rBV3	380	254	0.01%	0.002%
40	4.889	1333	1337	1341	rVB2	659	620	0.01%	0.005%
41	4.998	1360	1371	1383	rVV6	9249	21006	0.49%	0.156%
42	5.098	1400	1402	1408	rVB2	573	389	0.01%	0.003%
43	5.346	1454	1479	1488	rBV2	347999	1049262	24.58%	7.810%
44	5.522	1526	1534	1546	rVB9	3509	7291	0.17%	0.054%
45	5.577	1546	1551	1554	rBV4	797	879	0.02%	0.007%
46	5.619	1561	1564	1567	rBV4	364	268	0.01%	0.002%
47	5.780	1611	1614	1617	rBV6	915	799	0.02%	0.006%
48	5.834	1628	1631	1634	rBV2	367	323	0.01%	0.002%
49	5.892	1634	1649	1670	rBV	381283	749217	17.55%	5.577%
50	6.014	1683	1687	1689	rVB2	710	561	0.01%	0.004%
51	6.043	1692	1696	1700	rVV3	301	324	0.01%	0.002%
52	6.194	1730	1743	1757	rVB5	7712	15191	0.36%	0.113%
53	6.252	1757	1761	1766	rBV2	278	262	0.01%	0.002%
54	6.336	1772	1787	1804	rBV	235117	470920	11.03%	3.505%
55	6.416	1806	1812	1822	rVB5	4181	7916	0.19%	0.059%
56	6.786	1923	1927	1929	rBV2	382	297	0.01%	0.002%
57	6.847	1942	1946	1947	rBV2	680	439	0.01%	0.003%
58	6.956	1977	1980	1984	rBV2	412	384	0.01%	0.003%
59	7.021	1997	2000	2005	rVB3	470	414	0.01%	0.003%
60	7.072	2011	2016	2019	rBV3	382	392	0.01%	0.003%
61	7.120	2025	2031	2032	rBV	315	261	0.01%	0.002%
62	7.230	2051	2065	2088	rBV	129491	236375	5.54%	1.759%
63	7.368	2106	2108	2112	rVB4	645	307	0.01%	0.002%
64	7.474	2136	2141	2144	rBV3	253	245	0.01%	0.002%
65	7.571	2152	2171	2187	rBV	465687	819487	19.20%	6.100%
66	7.853	2245	2259	2282	rBV	95177	165111	3.87%	1.229%
67	8.130	2341	2345	2348	rBV2	486	436	0.01%	0.003%
68	8.181	2353	2361	2363	rBV3	631	806	0.02%	0.006%
69	8.230	2365	2376	2389	rVB2	59844	99644	2.33%	0.742%
70	8.313	2390	2402	2433	rBV	277716	492223	11.53%	3.664%
71	8.866	2571	2574	2578	rBV2	287	294	0.01%	0.002%

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72	8.931	2587	2594	2595	rBV	240	293	0.01%	0.002%
73	8.950	2595	2600	2602	rVV	424	402	0.01%	0.003%
74	9.091	2630	2644	2663	rBV	541987	904679	21.19%	6.734%
75	9.259	2686	2696	2701	rBV3	995	1468	0.03%	0.011%
76	9.287	2702	2705	2709	rVB3	696	479	0.01%	0.004%
77	9.316	2709	2714	2716	rBV2	464	451	0.01%	0.003%
78	9.378	2725	2733	2744	rBV3	5298	7783	0.18%	0.058%
79	9.525	2773	2779	2782	rBV3	327	389	0.01%	0.003%
80	9.670	2821	2824	2830	rBV2	409	325	0.01%	0.002%
81	9.783	2853	2859	2865	rBV4	1540	1908	0.04%	0.014%
82	9.818	2865	2870	2873	rBV2	654	626	0.01%	0.005%
83	9.898	2890	2895	2896	rBV2	578	404	0.01%	0.003%
84	10.037	2933	2938	2941	rBV2	380	396	0.01%	0.003%
85	10.123	2963	2965	2971	rBV2	280	257	0.01%	0.002%
86	10.435	3047	3062	3081	rBV	322591	517878	12.13%	3.855%
87	11.059	3252	3256	3258	rVB2	354	244	0.01%	0.002%
88	11.104	3267	3270	3273	rBV2	435	322	0.01%	0.002%
89	11.149	3278	3284	3291	rVV2	1315	1876	0.04%	0.014%
90	11.487	3376	3389	3406	rBV	531322	837670	19.62%	6.235%
91	11.680	3445	3449	3452	rVB4	536	397	0.01%	0.003%
92	11.741	3465	3468	3472	rBV3	367	342	0.01%	0.003%
93	11.863	3493	3506	3525	rBV	465752	752153	17.62%	5.598%
94	11.956	3531	3535	3539	rBV3	721	596	0.01%	0.004%
95	12.361	3658	3661	3665	rBV2	355	368	0.01%	0.003%
96	13.117	3892	3896	3898	rBV	362	296	0.01%	0.002%
97	13.516	4018	4020	4025	rBV2	359	304	0.01%	0.002%
98	14.930	4457	4460	4463	rBV2	594	435	0.01%	0.003%
99	15.075	4503	4505	4507	rBV	528	275	0.01%	0.002%
100	15.130	4520	4522	4527	rBV3	534	411	0.01%	0.003%

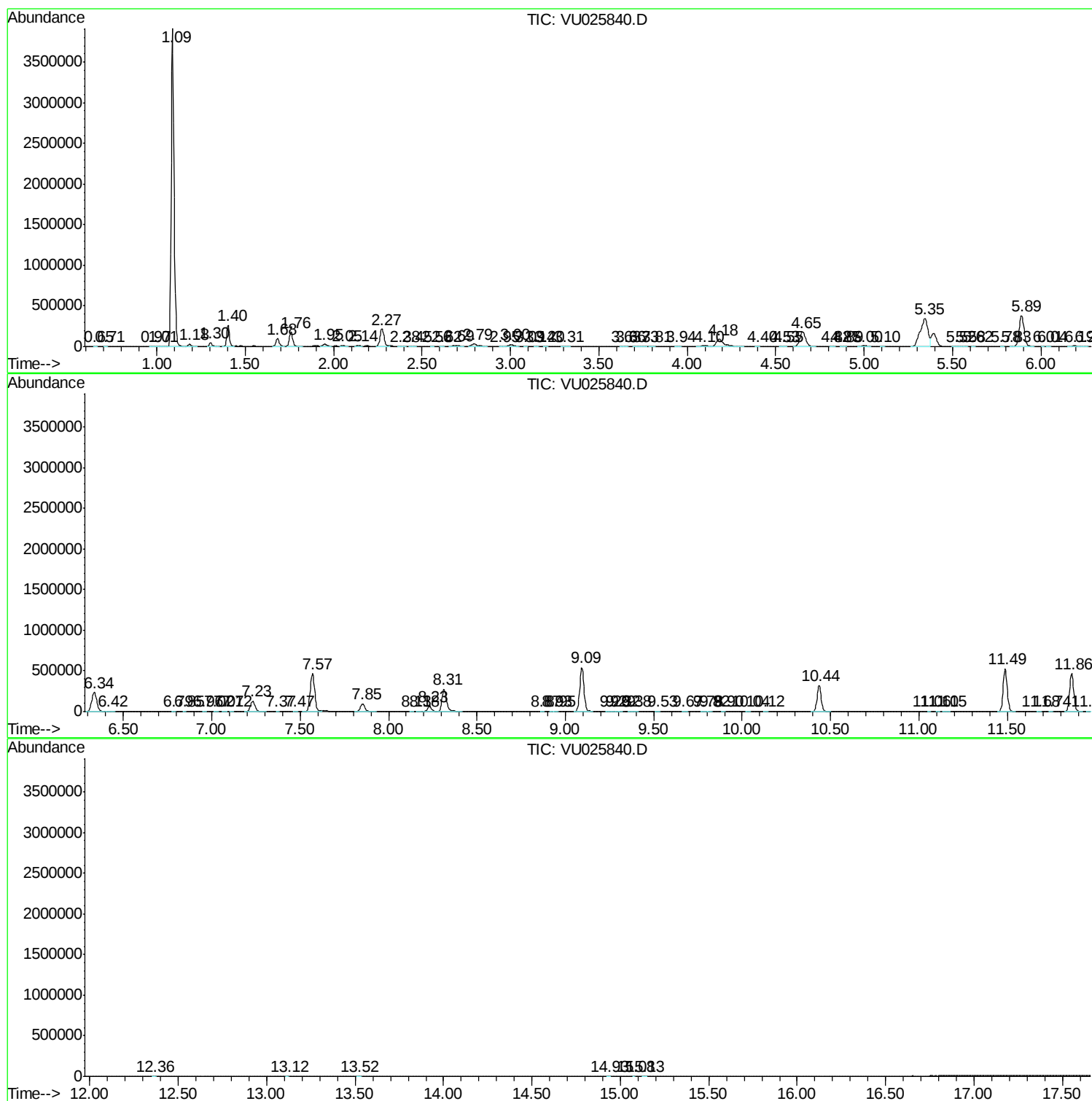
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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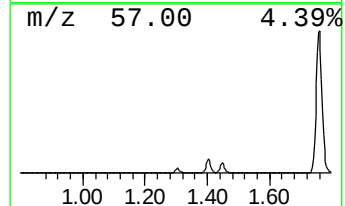
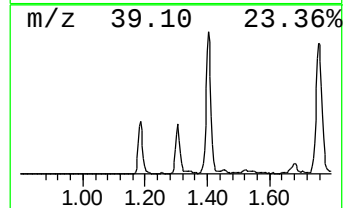
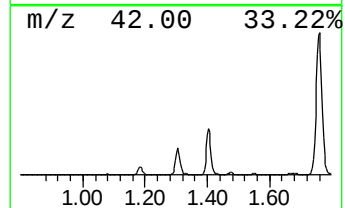
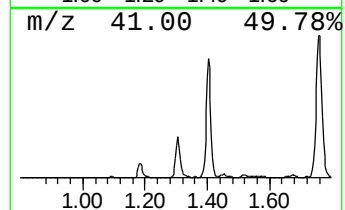
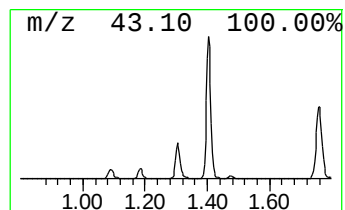
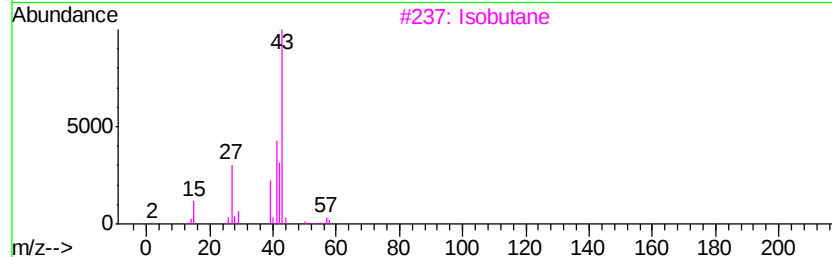
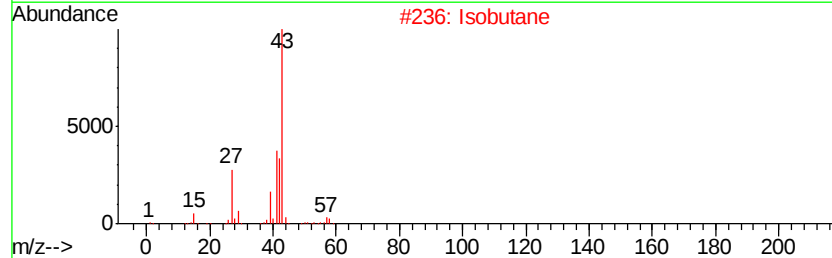
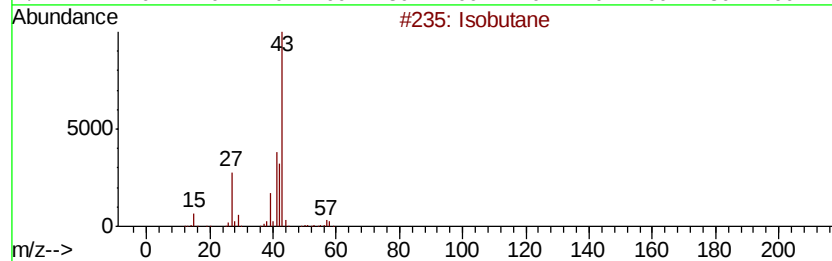
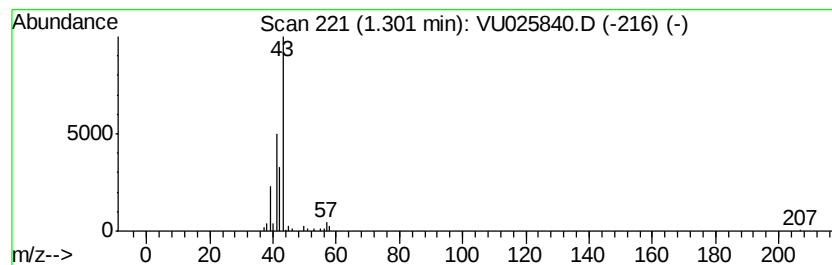
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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.
1.30	3.14 ug/L	47124	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	50
4		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
5		Isobutane	58	C4H10	000075-28-5	7



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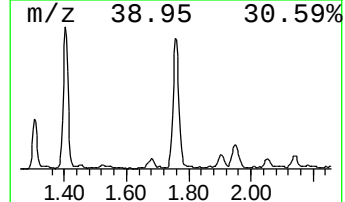
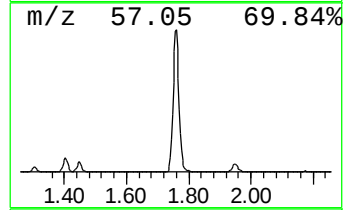
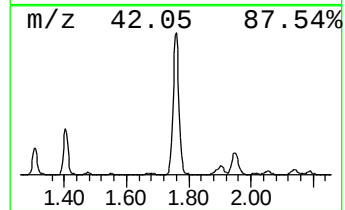
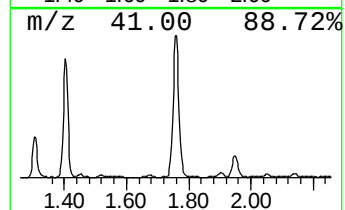
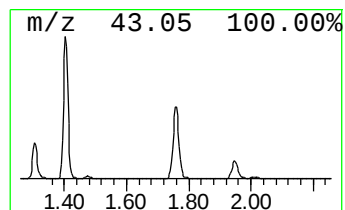
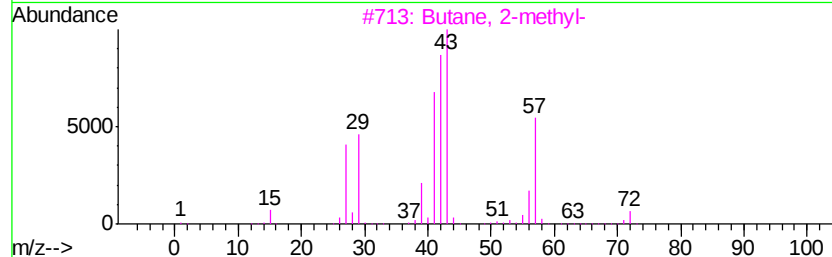
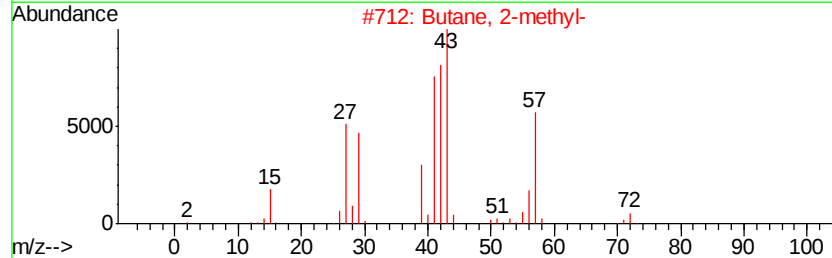
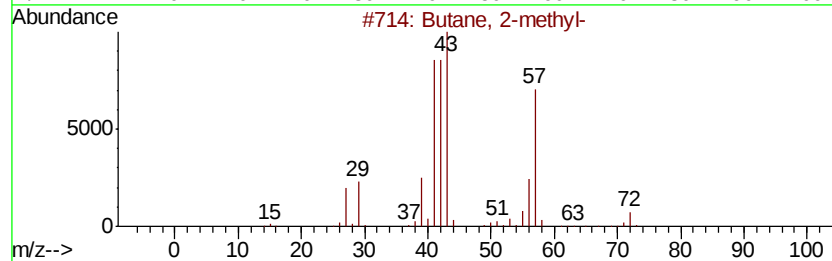
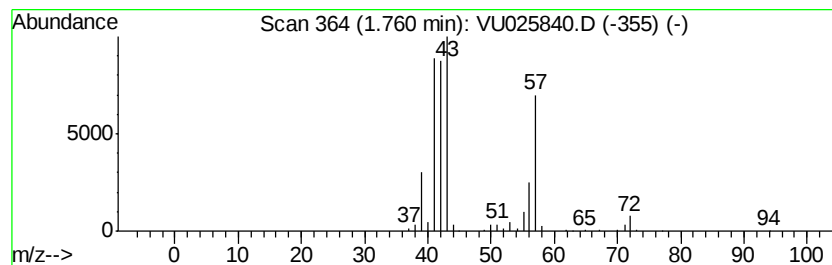
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	15.64 ug/L	234416	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Pentane	72	C5H12	000109-66-0	36
5		3-Buten-1-ol	72	C4H8O	000627-27-0	28



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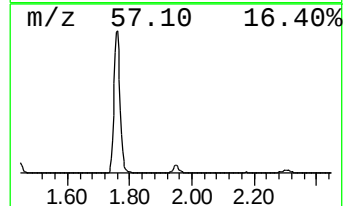
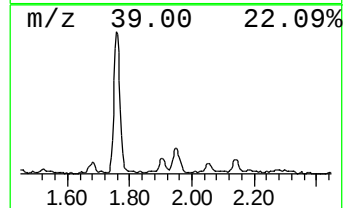
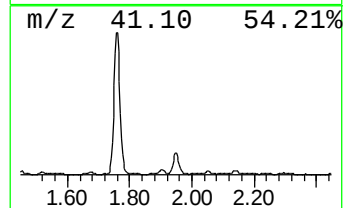
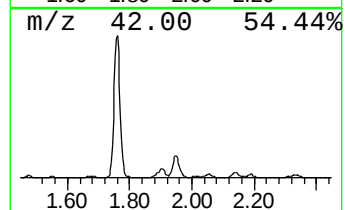
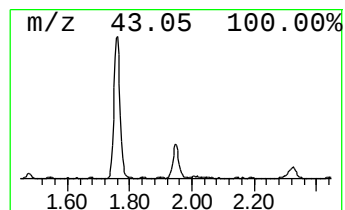
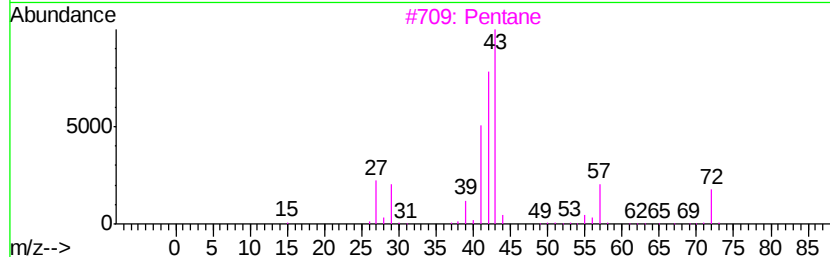
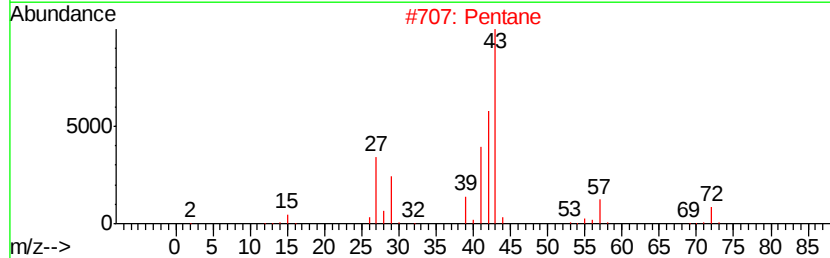
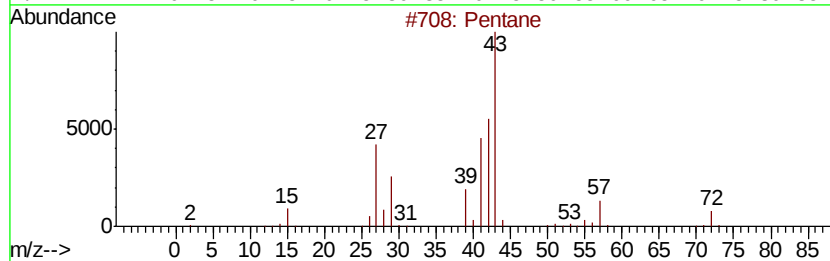
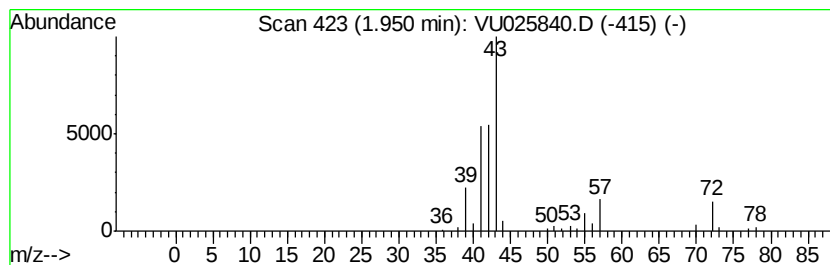
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	2.67 ug/L	39942	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	86
2		Pentane	72	C5H12	000109-66-0	72
3		Pentane	72	C5H12	000109-66-0	64
4		Pentane	72	C5H12	000109-66-0	64
5		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	50



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Sample : J4340-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E5F81

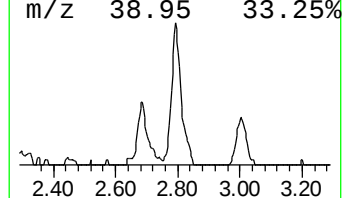
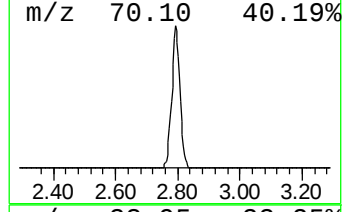
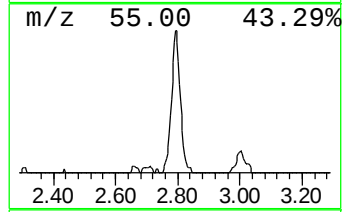
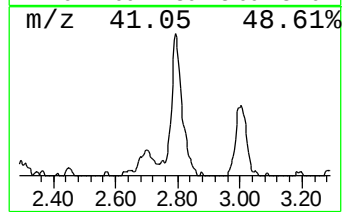
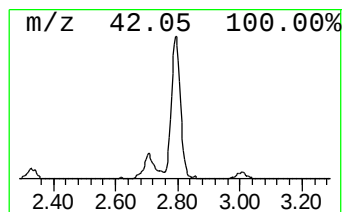
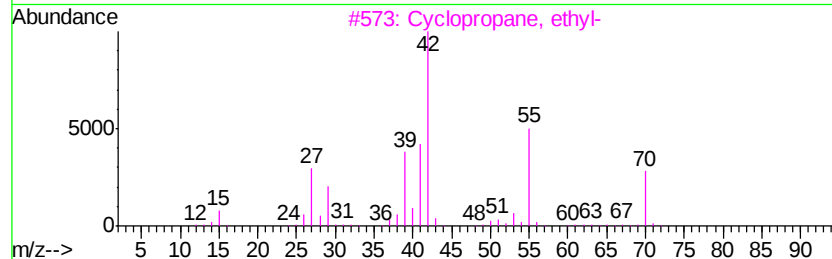
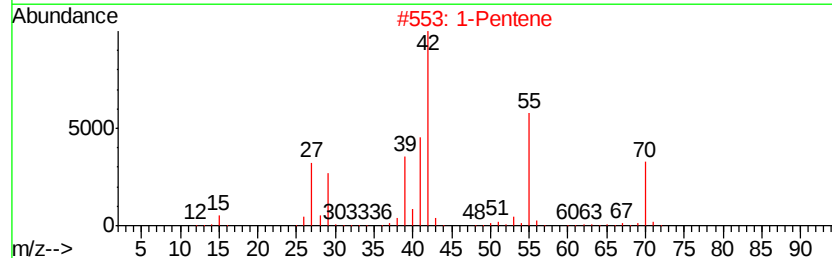
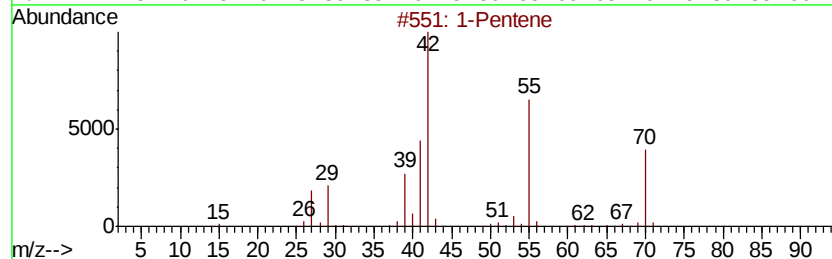
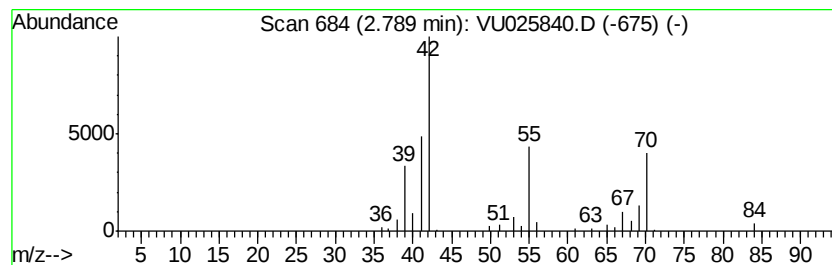
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic2.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	5.27 ug/L	79000	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene	70	C5H10	000109-67-1	64
2		1-Pentene	70	C5H10	000109-67-1	59
3		Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	42
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025840.D
Acq On : 03 Aug 2018 23:51
Operator : MD/SY
Sample : J4340-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E5F81

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.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: Str...	1.30	3.1	ug/L	47124	1	5.89	749217	50.0
(DEL) Alkane: Str...	1.76	15.6	ug/L	234416	1	5.89	749217	50.0
(DEL) Alkane: Str...	1.95	2.7	ug/L	39942	1	5.89	749217	50.0
(DEL) Alkane: Cyc...	2.79	5.3	ug/L	79000	1	5.89	749217	50.0