

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013878.D
 Acq On : 02 Dec 2019 18:01
 Operator : SY/MD
 Sample : K6028-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA9

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\SOMVLM120219WMA.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	1.203	29	35	59	rBV	362828	552596	24.81%	2.888%
2	1.319	66	71	78	rVB	294533	277234	12.45%	1.449%
3	1.566	142	148	159	rVB	291724	337333	15.15%	1.763%
4	1.634	163	169	178	rVB	250116	307715	13.82%	1.608%
5	2.122	313	321	335	rBV	568570	874950	39.29%	4.573%
6	2.518	433	444	460	rBV	182412	350377	15.73%	1.831%
7	2.788	518	528	540	rVB3	28160	56865	2.55%	0.297%
8	2.907	563	565	570	rBV5	1035	934	0.04%	0.005%
9	2.939	572	575	579	rBV5	1782	1274	0.06%	0.007%
10	2.962	579	582	585	rBV4	1531	1265	0.06%	0.007%
11	3.029	602	603	609	rVB6	1627	1093	0.05%	0.006%
12	3.055	609	611	615	rBV5	2114	1292	0.06%	0.007%
13	3.081	618	619	621	rVB2	952	222	0.01%	0.001%
14	3.135	634	636	642	rVB8	1564	1140	0.05%	0.006%
15	3.177	646	649	651	rVB3	1323	605	0.03%	0.003%
16	3.190	651	653	658	rVB5	1121	781	0.04%	0.004%
17	3.209	658	659	662	rBV3	848	444	0.02%	0.002%
18	3.293	681	685	687	rVB3	976	777	0.03%	0.004%
19	3.309	687	690	697	rVB5	2003	1845	0.08%	0.010%
20	3.341	697	700	701	rBV3	797	468	0.02%	0.002%
21	3.405	717	720	723	rBV5	1351	1045	0.05%	0.005%
22	3.495	745	748	751	rBV3	1249	1016	0.05%	0.005%
23	3.521	752	756	758	rVB3	1186	854	0.04%	0.004%
24	3.547	760	764	766	rBV4	2392	1770	0.08%	0.009%
25	3.618	784	786	788	rBV2	897	466	0.02%	0.002%
26	3.653	795	797	798	rBV2	628	187	0.01%	0.001%
27	3.855	858	860	863	rVB3	1655	683	0.03%	0.004%
28	3.923	869	881	911	rBV	203252	583638	26.21%	3.050%
29	4.251	981	983	984	rBV2	883	270	0.01%	0.001%
30	4.261	984	986	988	rBV3	1578	804	0.04%	0.004%
31	4.396	1011	1028	1061	rBV	373467	936728	42.06%	4.895%
32	4.534	1069	1071	1074	rVB4	1758	1013	0.05%	0.005%
33	4.650	1105	1107	1109	rBV3	1158	660	0.03%	0.003%
34	4.711	1118	1126	1127	rBV8	6558	6593	0.30%	0.034%

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35	4.904	1184	1186	1188	rBV3	769	285	0.01%	0.001%
36	4.917	1188	1190	1191	rBV2	775	266	0.01%	0.001%
37	5.090	1226	1244	1264	rBV2	883711	2226904	100.00%	11.638%
38	5.659	1407	1421	1446	rBV	755938	1479902	66.46%	7.734%
39	6.109	1548	1561	1588	rBV	507653	1051899	47.24%	5.497%
40	6.849	1788	1791	1796	rBV6	1646	1922	0.09%	0.010%
41	7.026	1831	1846	1861	rBV	270721	488883	21.95%	2.555%
42	7.354	1937	1948	1969	rVB	1026847	1741182	78.19%	9.100%
43	7.659	2034	2043	2065	rVB	190358	353979	15.90%	1.850%
44	8.051	2163	2165	2167	rBV3	1321	813	0.04%	0.004%
45	8.125	2177	2188	2220	rBV	679371	1249458	56.11%	6.530%
46	8.630	2336	2345	2349	rBV	5040	7200	0.32%	0.038%
47	8.849	2410	2413	2414	rBV2	2192	1288	0.06%	0.007%
48	8.891	2414	2426	2446	rVV	1069950	1726507	77.53%	9.023%
49	9.360	2560	2572	2578	rBV	4522	8358	0.38%	0.044%
50	9.444	2595	2598	2599	rBV3	1089	508	0.02%	0.003%
51	9.476	2605	2608	2610	rBV3	1922	1361	0.06%	0.007%
52	9.669	2666	2668	2672	rVB5	1634	866	0.04%	0.005%
53	9.691	2672	2675	2678	rBV5	1885	1584	0.07%	0.008%
54	9.813	2711	2713	2715	rBV3	952	471	0.02%	0.002%
55	9.900	2738	2740	2742	rBV3	1125	674	0.03%	0.004%
56	9.971	2756	2762	2767	rBV8	4547	5521	0.25%	0.029%
57	10.048	2784	2786	2787	rBV2	694	382	0.02%	0.002%
58	10.055	2787	2788	2793	rVB6	1486	615	0.03%	0.003%
59	10.080	2793	2796	2800	rVB4	1522	1129	0.05%	0.006%
60	10.103	2800	2803	2804	rBV3	915	541	0.02%	0.003%
61	10.254	2838	2850	2873	rBV	745448	1153789	51.81%	6.030%
62	10.505	2925	2928	2930	rBV2	1160	637	0.03%	0.003%
63	10.649	2970	2973	2976	rBV3	1137	857	0.04%	0.004%
64	10.711	2988	2992	2996	rBV6	1727	1798	0.08%	0.009%
65	10.730	2996	2998	2999	rVV2	1349	533	0.02%	0.003%
66	10.739	2999	3001	3005	rVB5	2097	1447	0.06%	0.008%
67	10.772	3005	3011	3015	rBV9	2420	3027	0.14%	0.016%
68	10.842	3031	3033	3037	rVB3	1080	667	0.03%	0.003%
69	10.871	3037	3042	3045	rBV5	1820	1892	0.08%	0.010%
70	10.900	3045	3051	3059	rVB7	4883	7145	0.32%	0.037%
71	10.952	3059	3067	3068	rBV6	2724	2845	0.13%	0.015%

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72	11.061	3097	3101	3107	rBV7	2186	2818	0.13%	0.015%
73	11.096	3107	3112	3116	rBV5	3815	4432	0.20%	0.023%
74	11.289	3161	3172	3192	rBV	989164	1540488	69.18%	8.051%
75	11.669	3278	3290	3309	rVB	1065598	1677806	75.34%	8.768%
76	11.932	3369	3372	3373	rBV2	1271	791	0.04%	0.004%
77	12.157	3433	3442	3453	rBV9	8300	15782	0.71%	0.082%
78	12.386	3511	3513	3515	rBV3	827	498	0.02%	0.003%
79	12.646	3589	3594	3596	rBV5	2364	2260	0.10%	0.012%
80	12.698	3599	3610	3612	rBV5	6413	9263	0.42%	0.048%
81	12.765	3629	3631	3634	rBV3	1363	929	0.04%	0.005%
82	12.890	3668	3670	3671	rBV2	1015	443	0.02%	0.002%
83	12.916	3674	3678	3680	rBV4	1808	1333	0.06%	0.007%
84	13.003	3699	3705	3708	rBV8	2626	3141	0.14%	0.016%
85	13.051	3717	3720	3723	rBV4	1775	1345	0.06%	0.007%
86	13.235	3768	3777	3779	rBV9	2159	2851	0.13%	0.015%
87	13.505	3858	3861	3863	rBV4	2651	1542	0.07%	0.008%
88	13.653	3903	3907	3911	rBV7	2836	2717	0.12%	0.014%
89	13.755	3931	3939	3946	rBV10	6366	11774	0.53%	0.062%
90	13.881	3975	3978	3980	rBV4	1939	1230	0.06%	0.006%
91	13.990	4009	4012	4014	rBV4	1699	1026	0.05%	0.005%
92	14.042	4023	4028	4030	rBV4	1763	1633	0.07%	0.009%
93	14.132	4048	4056	4064	rBV7	9533	15206	0.68%	0.079%
94	14.215	4079	4082	4084	rBV3	1260	708	0.03%	0.004%
95	14.379	4131	4133	4134	rBV2	1045	430	0.02%	0.002%
96	14.456	4155	4157	4159	rBV3	1671	1081	0.05%	0.006%
97	14.534	4179	4181	4183	rBV2	1912	976	0.04%	0.005%

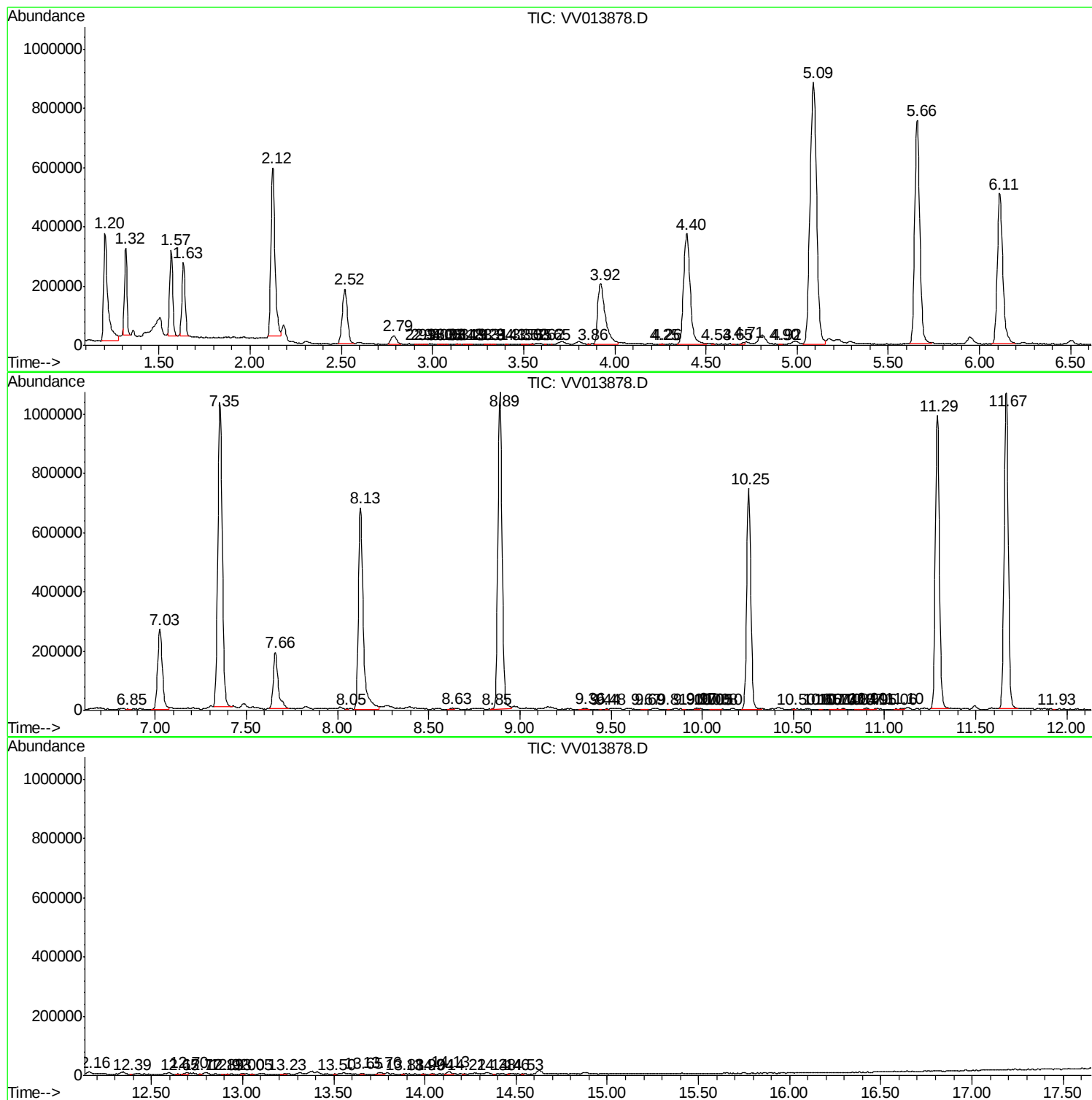
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Quant Title : VOC Analysis

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



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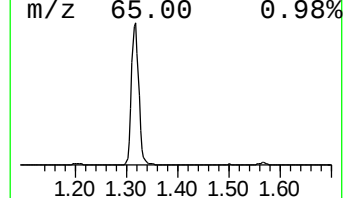
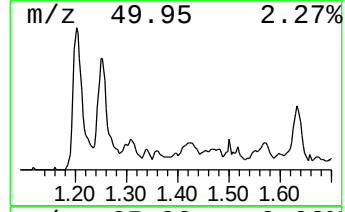
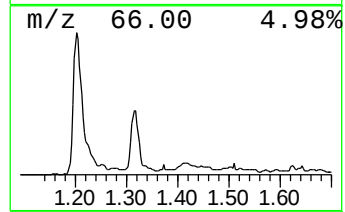
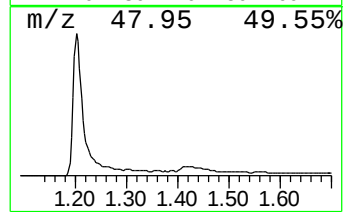
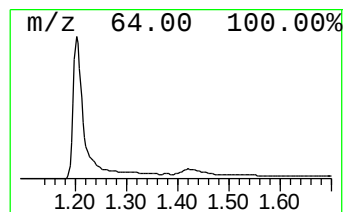
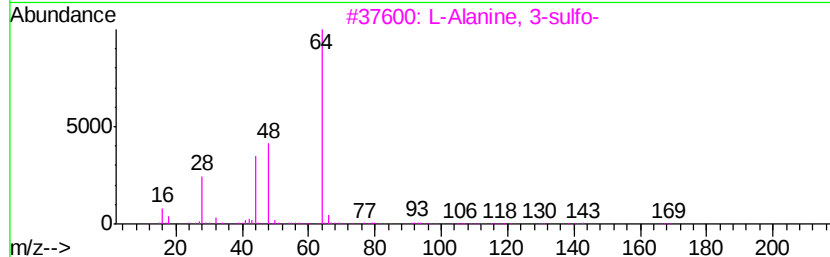
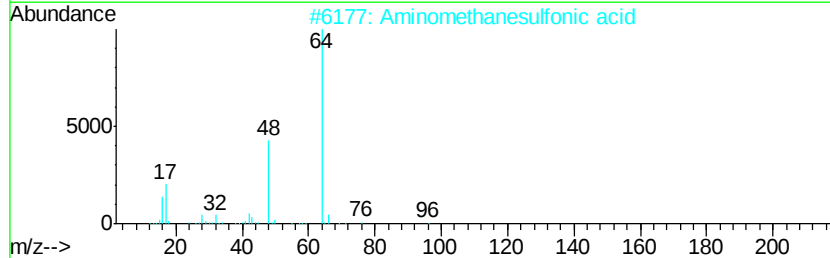
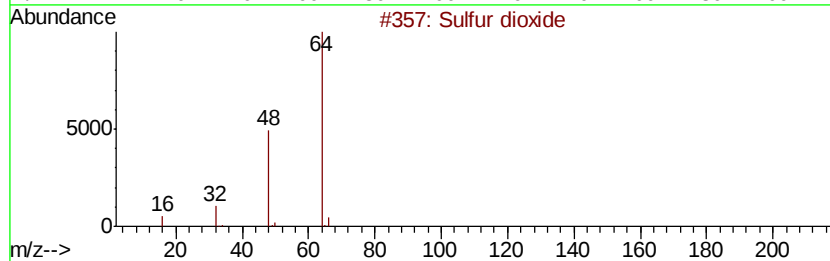
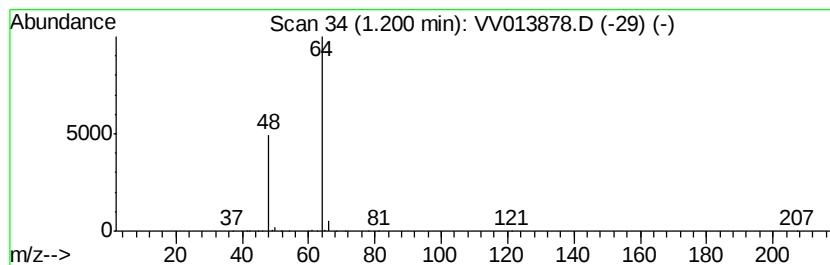
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	18.67 ug/L	552596	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5		Sulfur dioxide	64	O2S	007446-09-5	5



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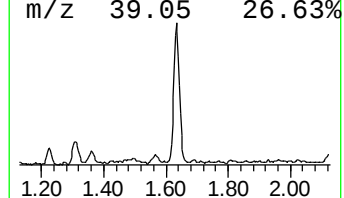
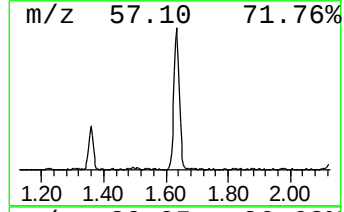
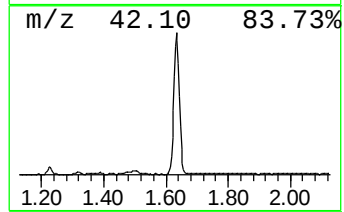
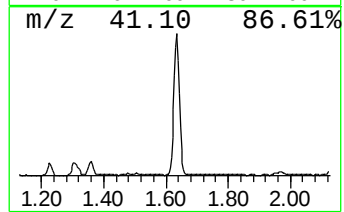
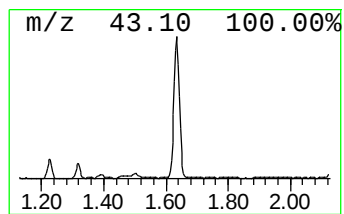
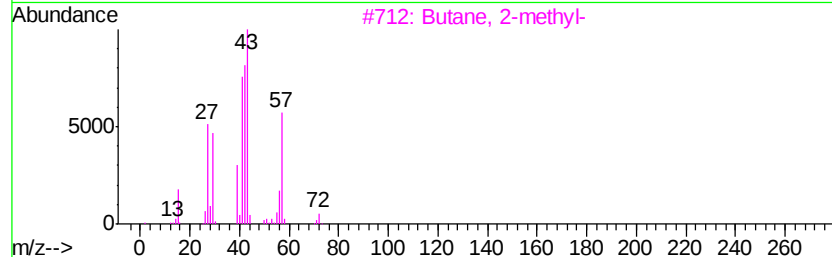
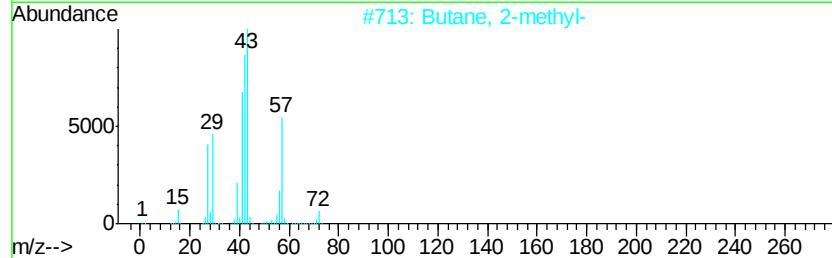
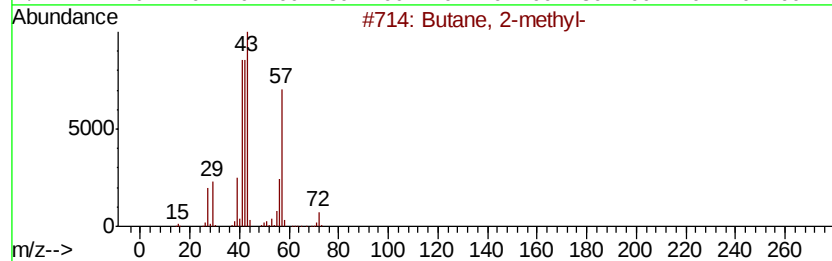
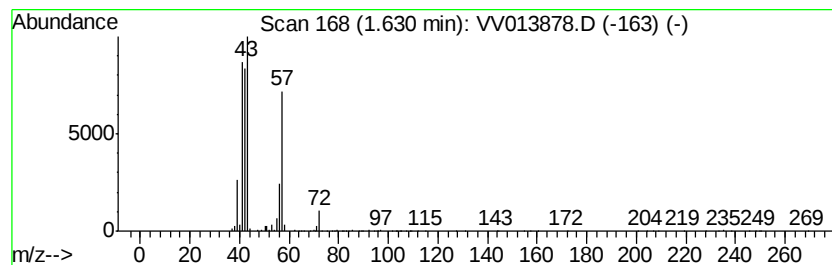
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	10.40 ug/L	307715	1,4-Difluorobenzene	5.66

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	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		Pentane	72	C5H12	000109-66-0	38
5		Pentane	72	C5H12	000109-66-0	37



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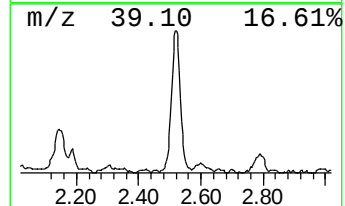
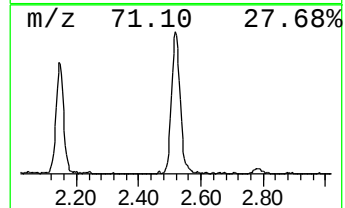
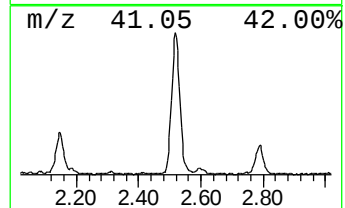
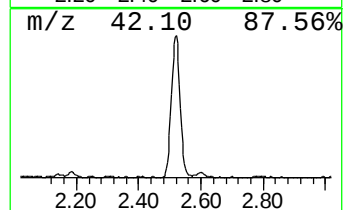
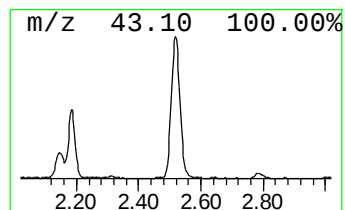
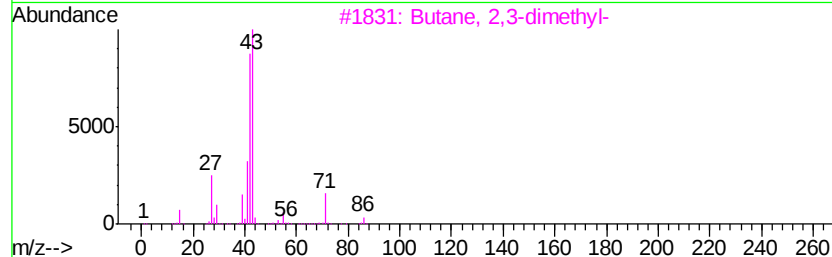
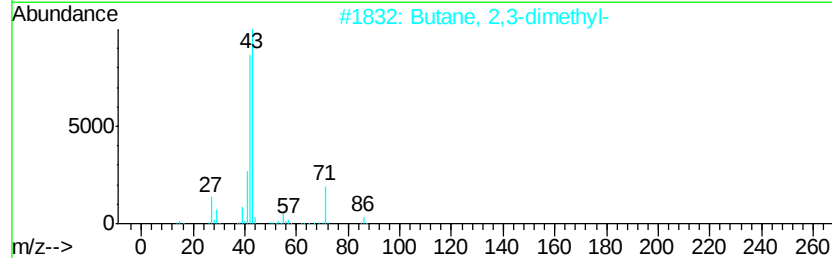
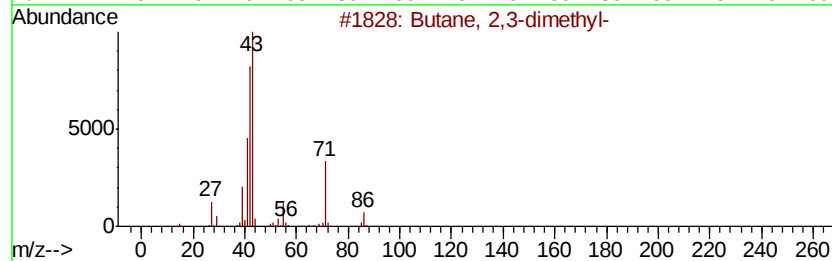
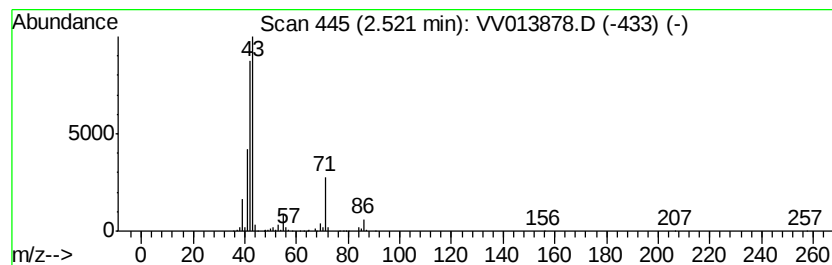
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.52	11.84 ug/L	350377	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5		Pentane, 2-methyl-	86	C6H14	000107-83-5	47



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Operator : SY/MD
Sample : K6028-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.20	18.7	ug/L	552596	1	5.66	1479900	50.0
(DEL) Alkane: Str...	1.63	10.4	ug/L	307715	1	5.66	1479900	50.0
(DEL) Alkane: Str...	2.52	11.8	ug/L	350377	1	5.66	1479900	50.0