

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009764.D
 Acq On : 18 Mar 2019 17:24
 Operator : SY/MD
 Sample : K1967-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09B6

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\SOMVLM031719WMA.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	1.206	30	36	47	rBV	19153	32062	6.66%	0.828%
2	1.319	65	71	85	rVB	70075	68104	14.15%	1.758%
3	2.122	312	321	332	rVB	134914	188015	39.06%	4.854%
4	2.331	372	386	400	rBV2	11432	28337	5.89%	0.732%
5	2.566	456	459	462	rVB2	562	327	0.07%	0.008%
6	2.585	462	465	468	rBV	515	362	0.08%	0.009%
7	2.746	513	515	517	rBV2	431	224	0.05%	0.006%
8	2.762	517	520	523	rBV	664	526	0.11%	0.014%
9	2.833	540	542	545	rVB	305	159	0.03%	0.004%
10	2.872	545	554	559	rBV2	865	1421	0.30%	0.037%
11	2.994	590	592	595	rBV2	482	323	0.07%	0.008%
12	3.064	611	614	616	rBV	385	221	0.05%	0.006%
13	3.084	616	620	624	rBV	537	575	0.12%	0.015%
14	3.129	629	634	637	rBV	829	748	0.16%	0.019%
15	3.280	679	681	684	rBV2	453	308	0.06%	0.008%
16	3.415	719	723	725	rBV	544	420	0.09%	0.011%
17	3.463	736	738	740	rBV	523	288	0.06%	0.007%
18	3.547	759	764	765	rBV	535	516	0.11%	0.013%
19	3.605	777	782	785	rBV	813	869	0.18%	0.022%
20	3.820	844	849	853	rBV	560	600	0.12%	0.015%
21	3.929	869	883	909	rBV	35582	94952	19.73%	2.452%
22	4.125	934	944	961	rBV2	19842	46755	9.71%	1.207%
23	4.225	972	975	977	rBV2	845	630	0.13%	0.016%
24	4.399	1015	1029	1048	rBV2	76969	184192	38.27%	4.756%
25	4.595	1088	1090	1097	rBV2	451	339	0.07%	0.009%
26	4.650	1102	1107	1109	rBV2	454	426	0.09%	0.011%
27	4.685	1113	1118	1120	rBV	634	520	0.11%	0.013%
28	4.724	1125	1130	1132	rBV3	620	601	0.12%	0.016%
29	4.781	1144	1148	1150	rBV	474	399	0.08%	0.010%
30	4.990	1208	1213	1215	rBV	519	490	0.10%	0.013%
31	5.093	1229	1245	1273	rBV2	189872	481326	100.00%	12.427%
32	5.418	1343	1346	1348	rBV	612	423	0.09%	0.011%
33	5.518	1375	1377	1380	rBV	291	214	0.04%	0.006%
34	5.662	1409	1422	1453	rVV	144969	298183	61.95%	7.699%

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35	6.116	1550	1563	1593	rBV	104790	214340	44.53%	5.534%
36	6.354	1635	1637	1646	rBV	429	442	0.09%	0.011%
37	6.437	1659	1663	1665	rBV	559	458	0.10%	0.012%
38	6.508	1682	1685	1689	rBV	428	330	0.07%	0.009%
39	6.559	1698	1701	1709	rVB2	403	476	0.10%	0.012%
40	6.653	1728	1730	1733	rBV	432	247	0.05%	0.006%
41	6.685	1737	1740	1742	rBV	790	626	0.13%	0.016%
42	7.029	1836	1847	1863	rBV2	61088	109177	22.68%	2.819%
43	7.190	1885	1897	1899	rBV4	1816	2399	0.50%	0.062%
44	7.318	1931	1937	1938	rBV	1028	844	0.18%	0.022%
45	7.360	1938	1950	1981	rVV	228428	411908	85.58%	10.635%
46	7.662	2034	2044	2059	rBV	41693	69636	14.47%	1.798%
47	7.868	2106	2108	2114	rBV2	565	660	0.14%	0.017%
48	7.936	2126	2129	2131	rBV	467	322	0.07%	0.008%
49	8.135	2181	2191	2216	rBV	108754	213631	44.38%	5.516%
50	8.437	2275	2285	2288	rBV2	942	1299	0.27%	0.034%
51	8.466	2292	2294	2297	rBV2	352	196	0.04%	0.005%
52	8.527	2310	2313	2316	rBV	487	304	0.06%	0.008%
53	8.547	2316	2319	2324	rVB	687	575	0.12%	0.015%
54	8.569	2324	2326	2329	rBV	299	221	0.05%	0.006%
55	8.592	2329	2333	2336	rBV2	521	483	0.10%	0.012%
56	8.804	2393	2399	2403	rBV	530	593	0.12%	0.015%
57	8.897	2415	2428	2452	rBV	220674	400316	83.17%	10.336%
58	9.055	2474	2477	2479	rBV	565	361	0.08%	0.009%
59	9.112	2491	2495	2499	rBV	778	741	0.15%	0.019%
60	9.132	2499	2501	2505	rVV	457	366	0.08%	0.009%
61	9.614	2646	2651	2657	rVB	549	589	0.12%	0.015%
62	9.698	2671	2677	2678	rBV	664	554	0.12%	0.014%
63	9.868	2728	2730	2733	rBV	464	295	0.06%	0.008%
64	9.897	2737	2739	2747	rBV2	298	390	0.08%	0.010%
65	10.263	2842	2853	2874	rVB	157299	256189	53.23%	6.615%
66	10.411	2895	2899	2900	rBV	736	473	0.10%	0.012%
67	10.489	2920	2923	2927	rBV	581	445	0.09%	0.011%
68	10.579	2948	2951	2954	rBV2	724	510	0.11%	0.013%
69	10.620	2962	2964	2968	rBV	318	246	0.05%	0.006%
70	10.772	3006	3011	3014	rBV2	382	451	0.09%	0.012%
71	10.916	3052	3056	3059	rBV	472	398	0.08%	0.010%

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72	10.990	3075	3079	3083	rBV	1029	962	0.20%	0.025%
73	11.064	3098	3102	3107	rBV	731	655	0.14%	0.017%
74	11.164	3131	3133	3136	rBV	561	401	0.08%	0.010%
75	11.231	3145	3154	3163	rBV5	3788	6491	1.35%	0.168%
76	11.299	3163	3175	3200	rVB	183112	341973	71.05%	8.829%
77	11.540	3247	3250	3254	rBV	523	514	0.11%	0.013%
78	11.675	3280	3292	3310	rBV	208183	355438	73.85%	9.177%
79	11.788	3325	3327	3329	rBV	525	308	0.06%	0.008%
80	11.849	3343	3346	3348	rBV	576	354	0.07%	0.009%
81	11.923	3367	3369	3371	rBV	462	286	0.06%	0.007%
82	12.087	3416	3420	3422	rBV	603	383	0.08%	0.010%
83	12.260	3470	3474	3480	rBV2	876	975	0.20%	0.025%
84	12.411	3516	3521	3525	rBV2	576	640	0.13%	0.017%
85	12.730	3617	3620	3622	rBV	648	490	0.10%	0.013%
86	12.842	3650	3655	3662	rBV2	581	851	0.18%	0.022%
87	12.910	3672	3676	3679	rBV	701	577	0.12%	0.015%
88	13.087	3728	3731	3733	rBV	589	364	0.08%	0.009%
89	13.160	3748	3754	3756	rBV2	679	836	0.17%	0.022%
90	13.312	3792	3801	3812	rVB3	17607	26938	5.60%	0.696%
91	13.382	3820	3823	3825	rBV	596	293	0.06%	0.008%
92	13.398	3825	3828	3831	rBV3	656	548	0.11%	0.014%
93	13.627	3897	3899	3904	rBV	485	343	0.07%	0.009%
94	13.845	3964	3967	3969	rBV2	354	262	0.05%	0.007%
95	13.894	3978	3982	3983	rBV2	595	338	0.07%	0.009%
96	14.186	4070	4073	4077	rBV2	544	414	0.09%	0.011%
97	14.228	4084	4086	4092	rBV3	491	430	0.09%	0.011%
98	14.411	4140	4143	4146	rVB	733	377	0.08%	0.010%
99	14.659	4217	4220	4222	rBV	647	420	0.09%	0.011%
100	15.456	4461	4468	4478	rVB6	3260	4876	1.01%	0.126%

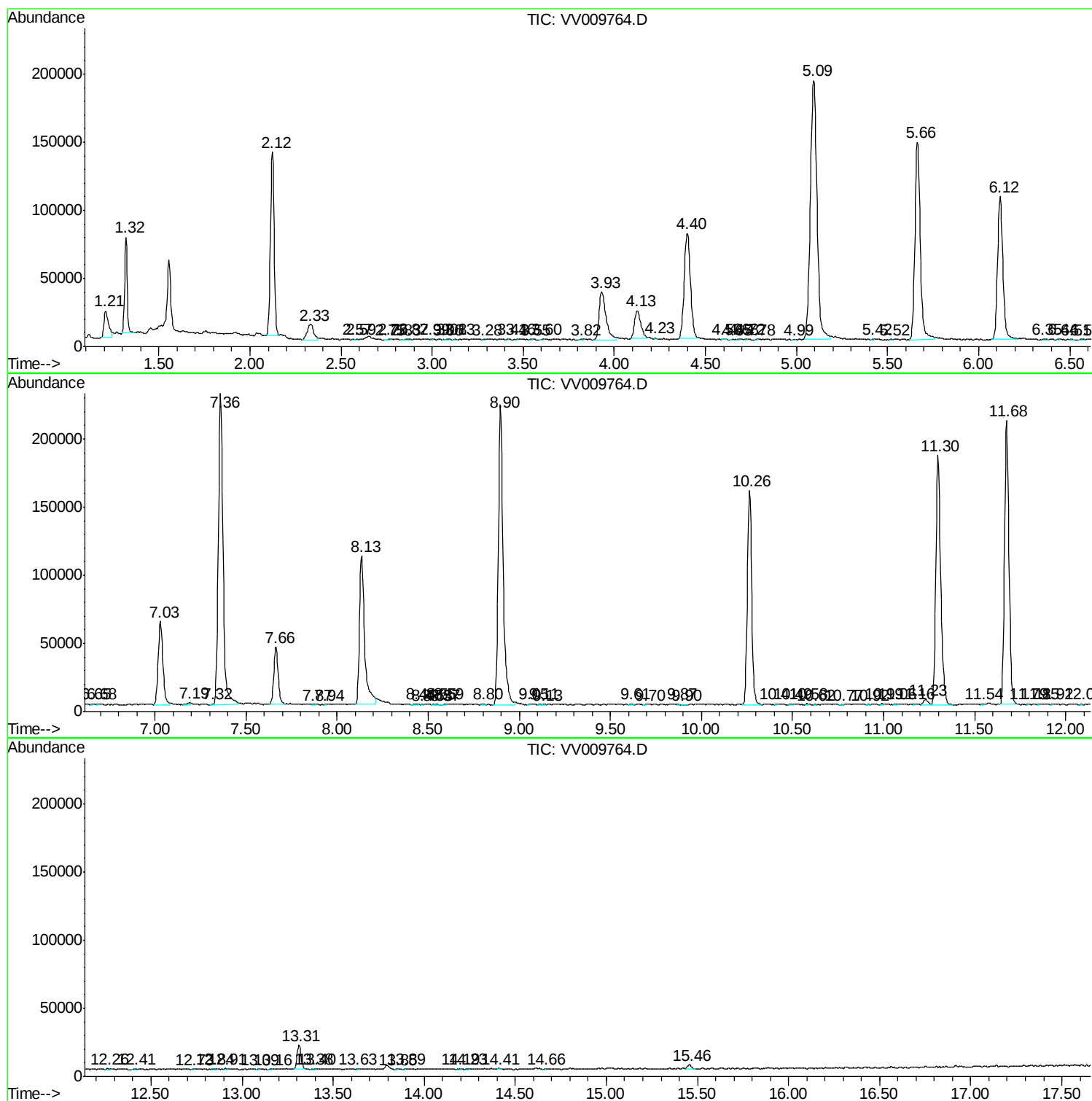
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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



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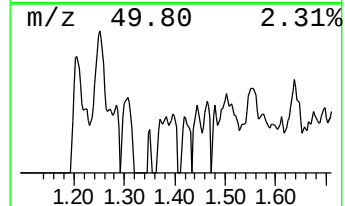
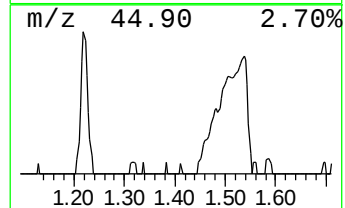
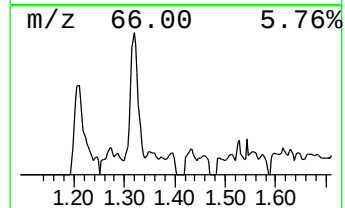
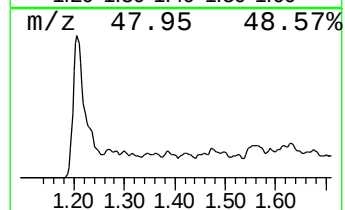
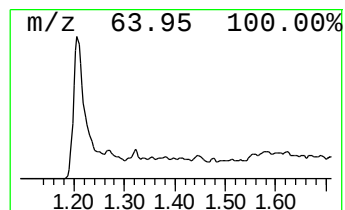
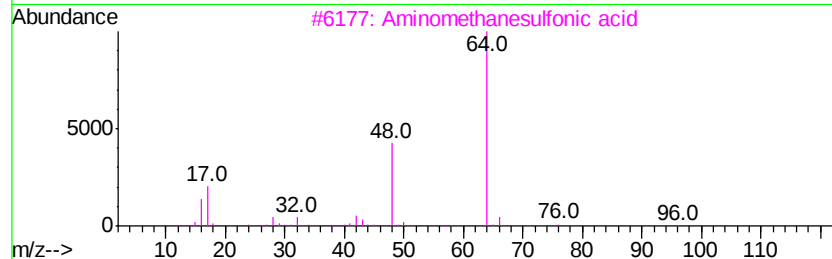
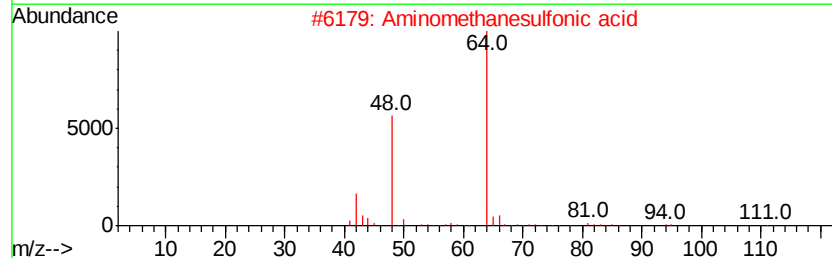
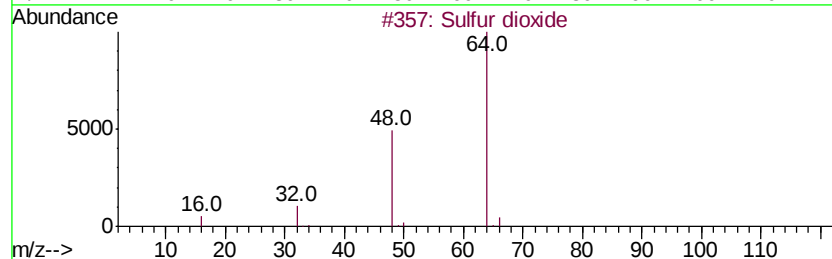
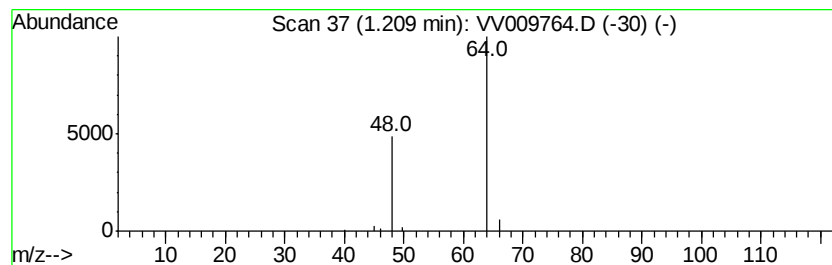
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	5.38 ug/L	32062	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	90
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Sulfur dioxide	64	O2S	007446-09-5	5



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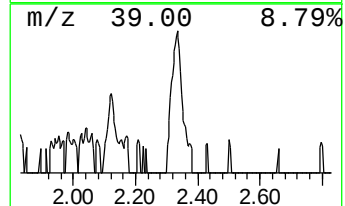
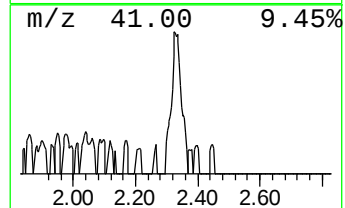
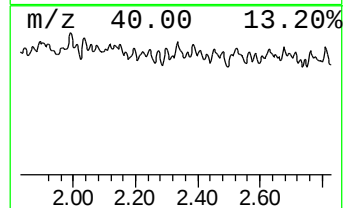
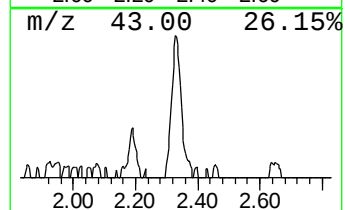
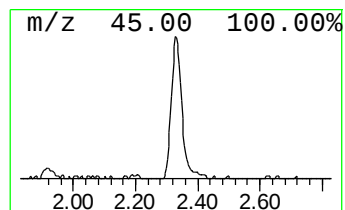
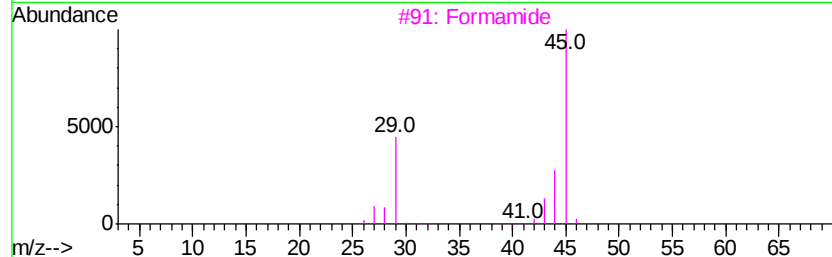
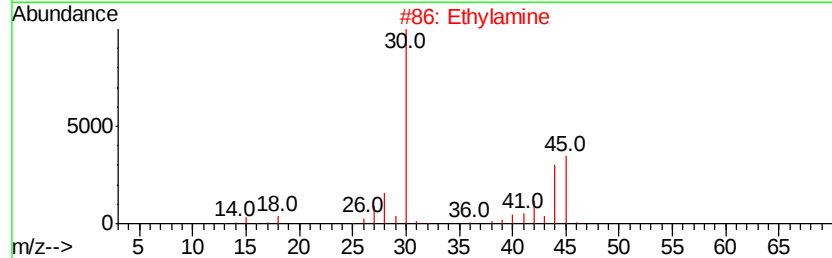
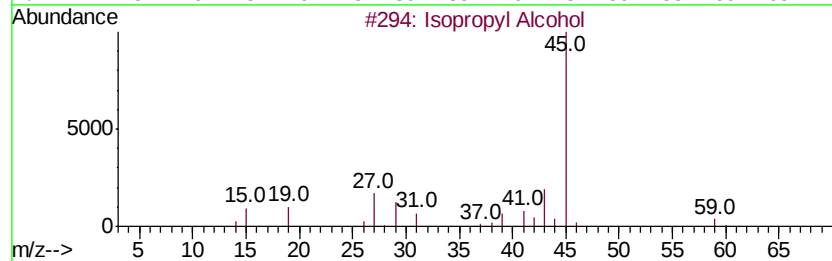
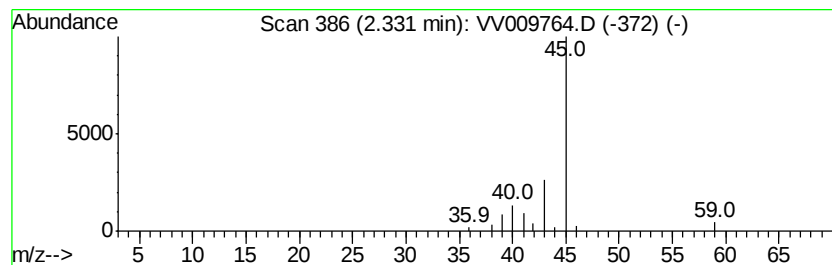
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	4.75 ug/L	28337	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
2		Ethylamine	45	C2H7N	000075-04-7	7
3		Formamide	45	CH3NO	000075-12-7	5
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	4
5		Formamide	45	CH3NO	000075-12-7	4



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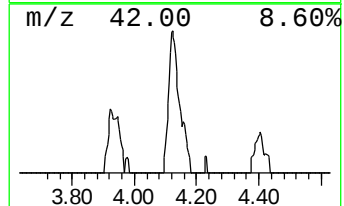
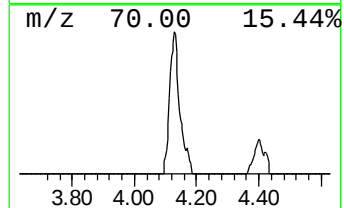
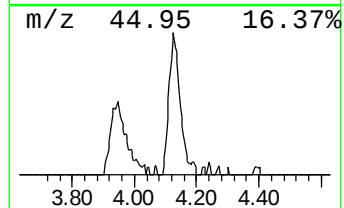
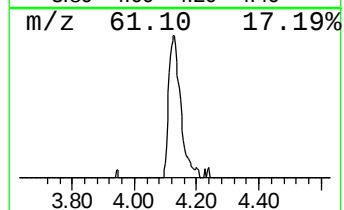
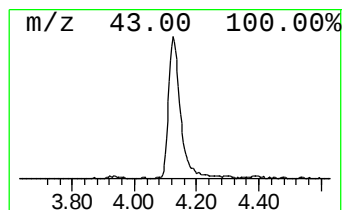
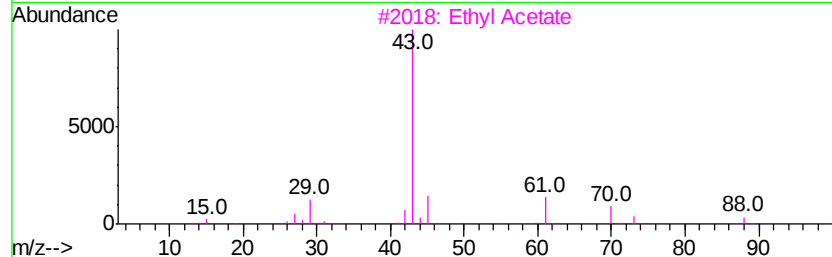
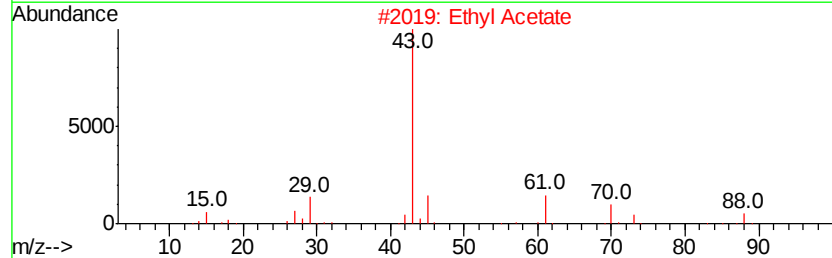
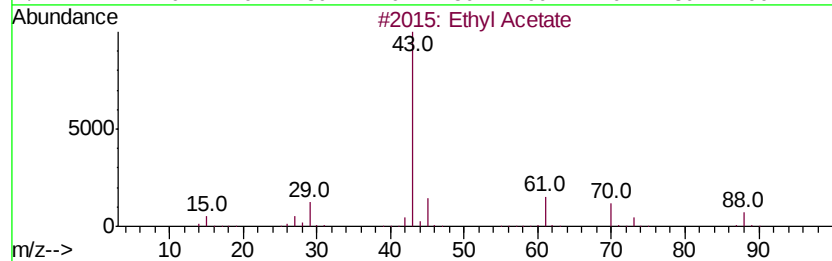
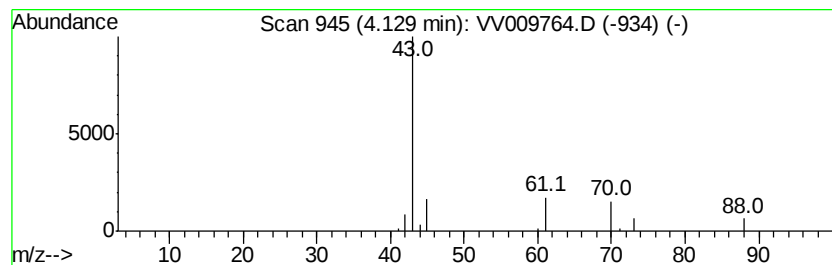
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Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	7.84 ug/L	46755	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	72
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	72



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MSVOA_V
ClientSampleId :
C09B6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.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	1.21	5.4	ug/L	32062	1	5.66	298183	50.0
unknown-01	2.33	4.8	ug/L	28337	1	5.66	298183	50.0
Ethyl Acetate	4.13	7.8	ug/L	46755	1	5.66	298183	50.0