

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009858.D
 Acq On : 25 Mar 2019 13:24
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK35

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\SOMVLM032519WMA.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	31	36	46	rBV2	17792	25628	3.02%	0.370%
2	1.319	65	71	79	rVB	200035	179533	21.17%	2.593%
3	1.560	141	146	161	rVB	169825	200170	23.60%	2.892%
4	2.126	314	322	335	rVB	417141	585373	69.02%	8.456%
5	2.460	421	426	434	rVB7	1809	2320	0.27%	0.034%
6	2.495	434	437	439	rBV3	1062	732	0.09%	0.011%
7	2.527	443	447	448	rBV3	1759	1326	0.16%	0.019%
8	2.653	483	486	487	rBV2	1348	700	0.08%	0.010%
9	3.003	588	595	598	rBV4	1603	1575	0.19%	0.023%
10	3.357	701	705	709	rVB2	1301	1166	0.14%	0.017%
11	3.383	709	713	715	rBV	1371	731	0.09%	0.011%
12	3.399	715	718	720	rBV	1085	708	0.08%	0.010%
13	3.508	749	752	755	rBV2	1329	888	0.10%	0.013%
14	3.756	825	829	831	rBV	1113	877	0.10%	0.013%
15	3.849	854	858	860	rBV	1859	1176	0.14%	0.017%
16	3.865	860	863	864	rBV2	1329	705	0.08%	0.010%
17	3.929	871	883	905	rBV	60116	156353	18.44%	2.259%
18	4.125	942	944	947	rBV	1200	637	0.08%	0.009%
19	4.222	971	974	978	rBV	1348	1069	0.13%	0.015%
20	4.267	985	988	990	rBV2	1489	963	0.11%	0.014%
21	4.402	1009	1030	1054	rBV2	137344	339638	40.05%	4.906%
22	4.601	1088	1092	1093	rBV2	928	721	0.09%	0.010%
23	4.650	1102	1107	1109	rBV4	1002	1058	0.12%	0.015%
24	4.765	1141	1143	1145	rBV	1079	581	0.07%	0.008%
25	4.875	1167	1177	1181	rVV8	2029	3271	0.39%	0.047%
26	4.926	1191	1193	1197	rBV2	1379	908	0.11%	0.013%
27	4.961	1202	1204	1207	rBV3	919	573	0.07%	0.008%
28	5.093	1229	1245	1273	rBV3	333463	848113	100.00%	12.251%
29	5.666	1409	1423	1440	rBV	233164	466912	55.05%	6.745%
30	5.949	1505	1511	1512	rBV2	3534	2762	0.33%	0.040%
31	6.119	1551	1564	1580	rBV	189364	386089	45.52%	5.577%
32	6.370	1638	1642	1650	rBV2	1298	1489	0.18%	0.022%
33	6.505	1682	1684	1690	rBV3	920	896	0.11%	0.013%
34	6.723	1750	1752	1755	rBV	1204	698	0.08%	0.010%

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 Title : VOC Analysis

35	6.772	1765	1767	1770	rBV2	1106	667	0.08%	0.010%
36	6.868	1794	1797	1802	rBV2	1176	769	0.09%	0.011%
37	7.029	1837	1847	1863	rBV	99500	173724	20.48%	2.510%
38	7.360	1936	1950	1966	rBV	390830	682000	80.41%	9.852%
39	7.662	2033	2044	2061	rBV2	72270	128786	15.19%	1.860%
40	7.961	2132	2137	2138	rBV3	1387	1095	0.13%	0.016%
41	8.135	2180	2191	2215	rBV	188681	349043	41.16%	5.042%
42	8.437	2281	2285	2286	rBV2	1609	973	0.11%	0.014%
43	8.659	2351	2354	2356	rVB	1029	543	0.06%	0.008%
44	8.672	2356	2358	2361	rBV	895	696	0.08%	0.010%
45	8.704	2365	2368	2372	rVB2	1539	1097	0.13%	0.016%
46	8.775	2387	2390	2394	rBV	1599	998	0.12%	0.014%
47	8.897	2416	2428	2455	rBV	365869	612310	72.20%	8.845%
48	9.055	2473	2477	2488	rVB4	6529	10278	1.21%	0.148%
49	9.100	2488	2491	2494	rVB	1121	749	0.09%	0.011%
50	9.119	2494	2497	2499	rBV	1029	636	0.07%	0.009%
51	9.286	2547	2549	2552	rBV	842	644	0.08%	0.009%
52	9.601	2637	2647	2656	rBV10	7767	15679	1.85%	0.226%
53	9.669	2664	2668	2674	rBV	1238	1496	0.18%	0.022%
54	9.749	2690	2693	2695	rBV	1101	795	0.09%	0.011%
55	9.974	2756	2763	2775	rVB4	6765	12280	1.45%	0.177%
56	10.064	2788	2791	2793	rBV	1319	862	0.10%	0.012%
57	10.264	2840	2853	2869	rBV	251635	415037	48.94%	5.995%
58	10.543	2937	2940	2941	rBV3	1334	829	0.10%	0.012%
59	10.627	2961	2966	2969	rBV2	1807	1879	0.22%	0.027%
60	10.662	2974	2977	2981	rBV3	1351	1172	0.14%	0.017%
61	10.730	2993	2998	2999	rBV	1063	960	0.11%	0.014%
62	10.781	3009	3014	3015	rBV	814	642	0.08%	0.009%
63	10.855	3034	3037	3040	rBV3	1110	883	0.10%	0.013%
64	10.932	3058	3061	3066	rBV5	984	772	0.09%	0.011%
65	10.964	3066	3071	3078	rVB	1347	1738	0.20%	0.025%
66	11.022	3086	3089	3092	rBV2	1180	900	0.11%	0.013%
67	11.180	3135	3138	3140	rBV	979	747	0.09%	0.011%
68	11.228	3145	3153	3162	rVV4	11185	17148	2.02%	0.248%
69	11.296	3163	3174	3191	rVB	320815	530397	62.54%	7.662%
70	11.553	3249	3254	3258	rBV2	1340	1265	0.15%	0.018%
71	11.672	3279	3291	3308	rBV	372510	613266	72.31%	8.859%

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72	11.836	3339	3342	3344	rBV2	972	585	0.07%	0.008%
73	11.900	3359	3362	3363	rBV	1137	586	0.07%	0.008%
74	11.990	3384	3390	3394	rBV	1799	2221	0.26%	0.032%
75	12.096	3421	3423	3425	rBV	1109	667	0.08%	0.010%
76	12.157	3439	3442	3446	rBV3	869	695	0.08%	0.010%
77	12.424	3522	3525	3527	rBV2	1176	759	0.09%	0.011%
78	12.620	3583	3586	3590	rBV3	1417	1419	0.17%	0.020%
79	12.694	3602	3609	3619	rVB8	13042	21140	2.49%	0.305%
80	12.820	3644	3648	3650	rBV	1057	516	0.06%	0.007%
81	12.903	3671	3674	3678	rBV	1507	1212	0.14%	0.018%
82	13.093	3729	3733	3734	rBV2	738	609	0.07%	0.009%
83	13.312	3792	3801	3815	rVB4	15905	25591	3.02%	0.370%
84	13.366	3815	3818	3821	rBV	1268	758	0.09%	0.011%
85	13.495	3854	3858	3862	rBV	1030	984	0.12%	0.014%
86	13.553	3868	3876	3885	rBV	16547	26401	3.11%	0.381%
87	13.604	3889	3892	3896	rVB3	1193	1057	0.12%	0.015%
88	13.649	3904	3906	3910	rVB	1278	659	0.08%	0.010%
89	13.675	3911	3914	3917	rBV2	1453	1017	0.12%	0.015%
90	13.797	3944	3952	3959	rBV6	16879	24647	2.91%	0.356%
91	13.874	3972	3976	3979	rBV	1856	1423	0.17%	0.021%
92	14.173	4065	4069	4073	rBV2	1026	1130	0.13%	0.016%
93	14.640	4210	4214	4217	rBV2	1377	980	0.12%	0.014%
94	14.897	4288	4294	4298	rBV4	1989	2546	0.30%	0.037%
95	15.112	4358	4361	4364	rBV	767	572	0.07%	0.008%
96	15.295	4415	4418	4420	rBV2	986	782	0.09%	0.011%
97	15.504	4480	4483	4485	rBV2	1113	765	0.09%	0.011%
98	15.861	4592	4594	4596	rBV2	998	568	0.07%	0.008%
99	16.093	4662	4666	4669	rBV2	1535	959	0.11%	0.014%
100	16.450	4774	4777	4779	rBV3	2019	1224	0.14%	0.018%

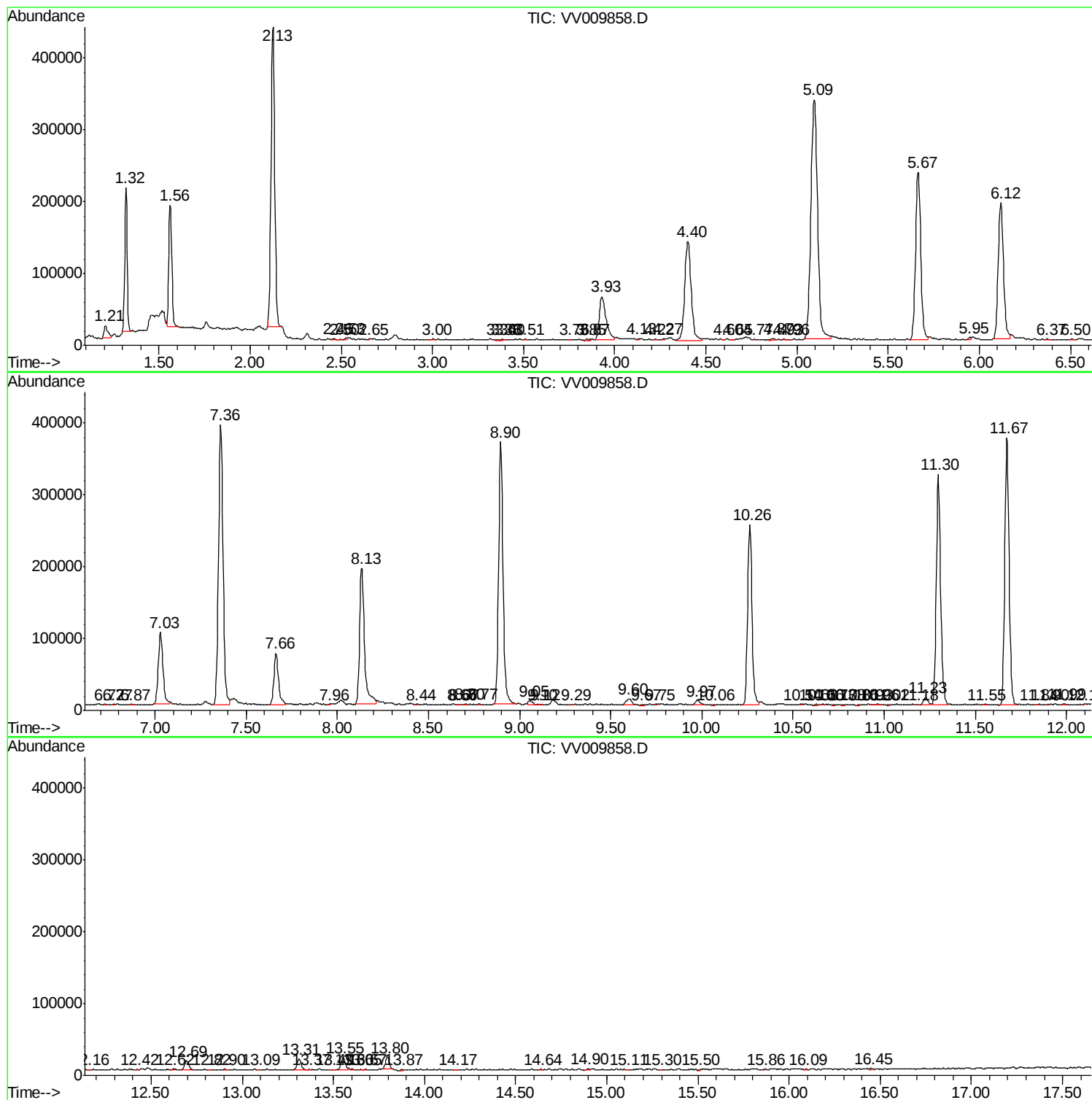
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis

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



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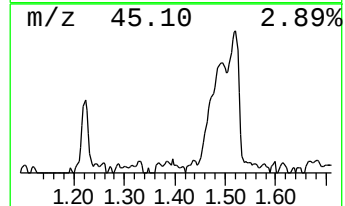
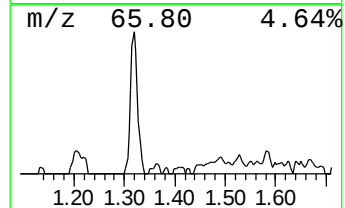
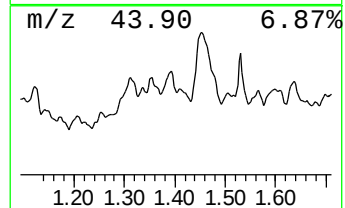
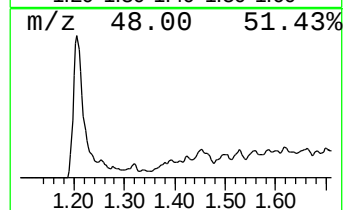
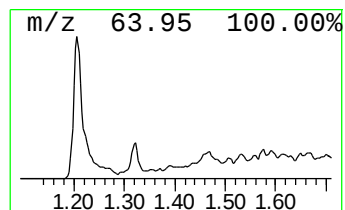
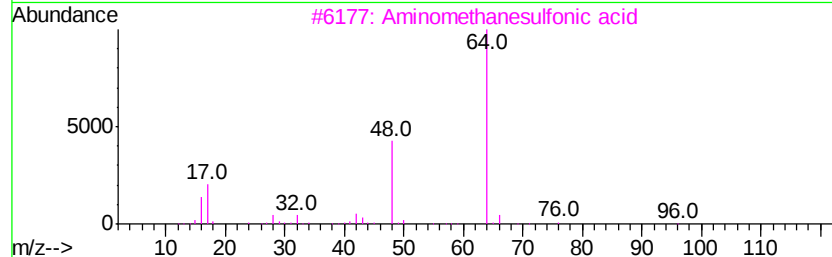
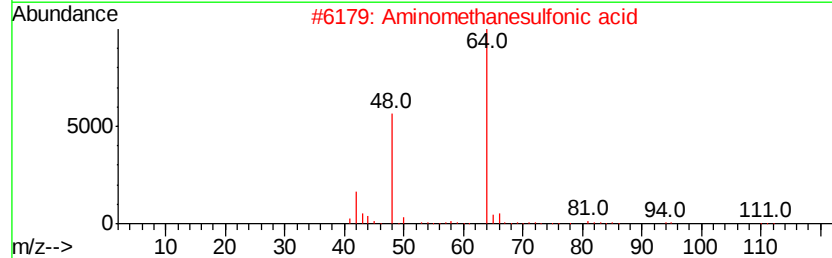
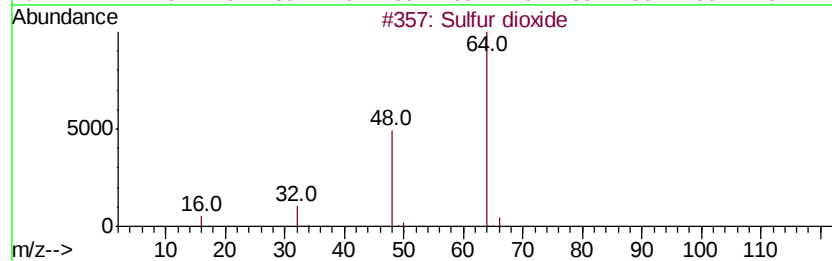
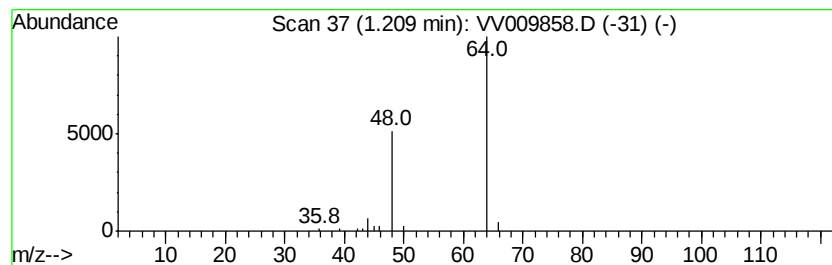
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.74 ug/L	25628	1,4-Difluorobenzene	5.67

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	74
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	2.7	ug/L	25628	1	5.67	466912	50.0