

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013842.D
 Acq On : 29 Nov 2019 12:12
 Operator : SY/MD
 Sample : K5989-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BH3

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\SOMVLM110619WMA.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	58	rBV	146640	231707	9.49%	1.234%
2	1.315	65	70	84	rVB	338435	336851	13.80%	1.794%
3	1.579	146	152	161	rVB	301690	324901	13.31%	1.730%
4	2.129	314	323	345	rVB	590146	853400	34.97%	4.545%
5	2.631	476	479	480	rBV2	1485	994	0.04%	0.005%
6	2.788	525	528	532	rBV4	1652	1166	0.05%	0.006%
7	2.891	558	560	564	rVB4	2047	1293	0.05%	0.007%
8	2.984	587	589	590	rBV2	766	326	0.01%	0.002%
9	3.032	602	604	606	rVB3	1332	481	0.02%	0.003%
10	3.074	614	617	619	rBV3	1335	929	0.04%	0.005%
11	3.090	619	622	625	rVB4	637	343	0.01%	0.002%
12	3.106	625	627	629	rBV3	913	487	0.02%	0.003%
13	3.180	646	650	654	rBV4	1305	1166	0.05%	0.006%
14	3.222	659	663	664	rBV4	1643	833	0.03%	0.004%
15	3.261	669	675	676	rBV5	1404	1284	0.05%	0.007%
16	3.299	685	687	690	rBV2	852	585	0.02%	0.003%
17	3.315	690	692	695	rVB3	1543	759	0.03%	0.004%
18	3.335	695	698	701	rBV4	1150	780	0.03%	0.004%
19	3.351	701	703	704	rBV2	463	133	0.01%	0.001%
20	3.360	704	706	710	rBV3	1306	935	0.04%	0.005%
21	3.399	716	718	721	rVB4	1918	898	0.04%	0.005%
22	3.422	721	725	728	rBV4	1504	1616	0.07%	0.009%
23	3.460	736	737	741	rVB4	1536	500	0.02%	0.003%
24	3.476	741	742	745	rBV2	600	308	0.01%	0.002%
25	3.492	745	747	750	rVB3	838	314	0.01%	0.002%
26	3.505	750	751	754	rVB3	728	301	0.01%	0.002%
27	3.521	754	756	757	rBV2	813	298	0.01%	0.002%
28	3.534	757	760	762	rVV4	1046	543	0.02%	0.003%
29	3.585	774	776	777	rBV2	639	308	0.01%	0.002%
30	3.624	784	788	790	rBV5	1093	920	0.04%	0.005%
31	3.653	793	797	798	rBV3	1487	904	0.04%	0.005%
32	3.698	809	811	813	rBV	564	295	0.01%	0.002%
33	3.727	818	820	823	rVB4	1536	768	0.03%	0.004%
34	3.746	823	826	827	rBV3	968	549	0.02%	0.003%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013842.D
 Acq On : 29 Nov 2019 12:12
 Operator : SY/MD
 Sample : K5989-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BH3

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\SOMVLM110619WMA.M
 Title : VOC Analysis

35	3.759	827	830	834	rVB6	1623	1134	0.05%	0.006%
36	3.801	840	843	844	rBV3	735	386	0.02%	0.002%
37	3.820	847	849	850	rBV2	1400	558	0.02%	0.003%
38	3.852	857	859	861	rBV2	1298	717	0.03%	0.004%
39	3.881	865	868	869	rBV2	1630	808	0.03%	0.004%
40	3.920	870	880	915	rVV	174017	465812	19.09%	2.481%
41	4.312	1001	1002	1004	rBV2	996	360	0.01%	0.002%
42	4.396	1010	1028	1051	rBV	408079	996335	40.83%	5.307%
43	4.827	1159	1162	1164	rBV2	1460	742	0.03%	0.004%
44	4.862	1170	1173	1176	rBV4	1088	949	0.04%	0.005%
45	4.910	1186	1188	1189	rBV2	1387	521	0.02%	0.003%
46	4.933	1194	1195	1197	rBV2	934	420	0.02%	0.002%
47	4.949	1198	1200	1203	rBV4	1200	794	0.03%	0.004%
48	5.090	1227	1244	1268	rBV2	963628	2440322	100.00%	12.997%
49	5.659	1408	1421	1441	rBV	774880	1552409	63.61%	8.268%
50	6.113	1550	1562	1585	rVB	556771	1105454	45.30%	5.888%
51	7.026	1834	1846	1872	rBV	297480	541170	22.18%	2.882%
52	7.357	1936	1949	1965	rBV	1157988	1999049	81.92%	10.647%
53	7.659	2032	2043	2069	rBV	219080	373508	15.31%	1.989%
54	8.126	2178	2188	2215	rBV	587701	1093442	44.81%	5.824%
55	8.891	2414	2426	2449	rBV	1180429	1890014	77.45%	10.066%
56	9.701	2676	2678	2680	rBV3	780	531	0.02%	0.003%
57	9.746	2689	2692	2693	rBV3	936	504	0.02%	0.003%
58	9.801	2707	2709	2712	rBV3	1466	703	0.03%	0.004%
59	9.945	2750	2754	2757	rBV4	2050	1764	0.07%	0.009%
60	10.071	2790	2793	2797	rBV5	1602	1606	0.07%	0.009%
61	10.135	2808	2813	2814	rBV4	1325	1135	0.05%	0.006%
62	10.254	2839	2850	2866	rBV	758352	1174527	48.13%	6.256%
63	10.421	2894	2902	2914	rVB3	13143	22073	0.90%	0.118%
64	10.473	2914	2918	2923	rVB6	1849	1551	0.06%	0.008%
65	10.611	2959	2961	2965	rBV4	2265	1088	0.04%	0.006%
66	10.952	3062	3067	3070	rBV6	2861	2684	0.11%	0.014%
67	11.039	3091	3094	3096	rBV3	1108	800	0.03%	0.004%
68	11.090	3109	3110	3113	rBV3	977	455	0.02%	0.002%
69	11.135	3122	3124	3125	rBV2	1025	555	0.02%	0.003%
70	11.196	3140	3143	3147	rBV3	1813	1602	0.07%	0.009%
71	11.222	3147	3151	3155	rVB7	2106	1840	0.08%	0.010%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013842.D
 Acq On : 29 Nov 2019 12:12
 Operator : SY/MD
 Sample : K5989-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BH3

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\SOMVLM110619WMA.M
 Title : VOC Analysis

72	11.289	3159	3172	3192	rBV	1012869	1577777	64.65%	8.403%
73	11.566	3253	3258	3260	rBV4	2910	2315	0.09%	0.012%
74	11.666	3277	3289	3307	rBV	1109142	1725272	70.70%	9.189%
75	11.887	3356	3358	3359	rBV2	1296	570	0.02%	0.003%
76	11.994	3390	3391	3395	rVB3	1546	664	0.03%	0.004%
77	12.141	3434	3437	3439	rBV3	1064	594	0.02%	0.003%
78	12.157	3439	3442	3445	rBV3	1451	1110	0.05%	0.006%
79	12.186	3447	3451	3452	rBV3	966	551	0.02%	0.003%
80	12.235	3464	3466	3467	rBV	900	309	0.01%	0.002%
81	12.678	3602	3604	3606	rBV3	1891	1135	0.05%	0.006%
82	12.900	3671	3673	3675	rBV4	1092	657	0.03%	0.003%
83	13.055	3719	3721	3724	rBV4	1632	999	0.04%	0.005%
84	13.090	3729	3732	3734	rBV3	1236	1067	0.04%	0.006%
85	13.466	3848	3849	3852	rBV3	1209	656	0.03%	0.003%
86	13.852	3967	3969	3970	rBV2	1167	525	0.02%	0.003%
87	13.948	3997	3999	4001	rBV3	1502	729	0.03%	0.004%
88	14.456	4152	4157	4159	rBV4	2158	1973	0.08%	0.011%
89	14.569	4190	4192	4194	rBV3	1357	418	0.02%	0.002%
90	15.173	4377	4380	4385	rBV	21146	12193	0.50%	0.065%

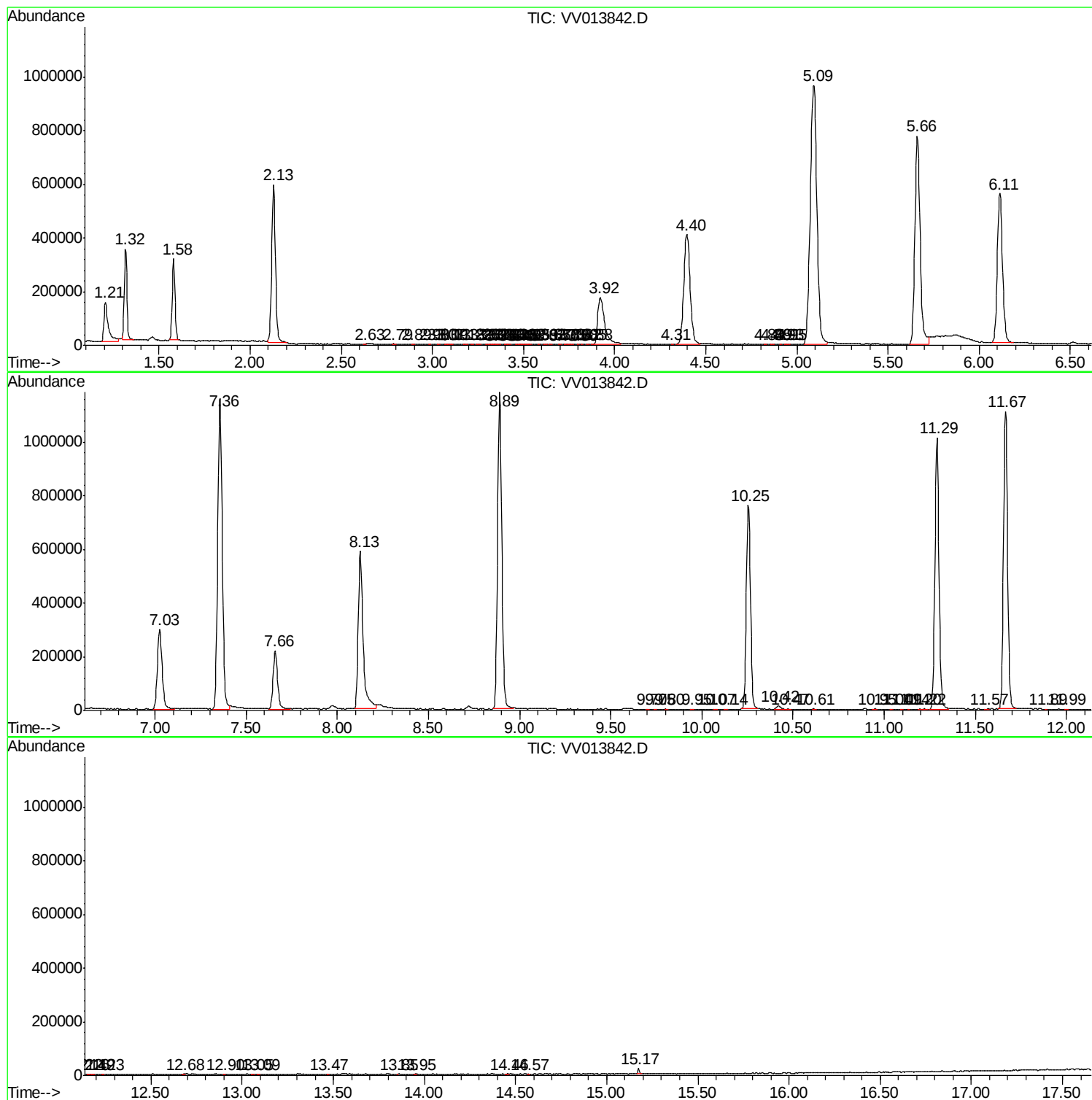
Sum of corrected areas: 18775711

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013842.D
Acq On : 29 Nov 2019 12:12
Operator : SY/MD
Sample : K5989-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BH3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013842.D
Acq On : 29 Nov 2019 12:12
Operator : SY/MD
Sample : K5989-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BH3

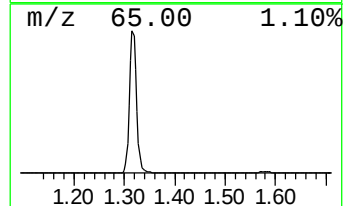
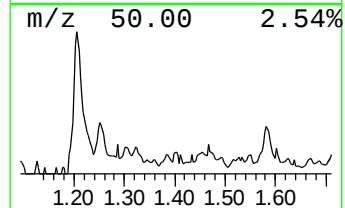
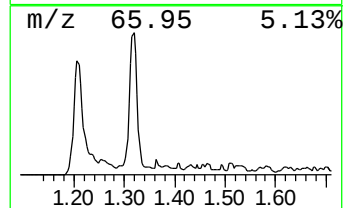
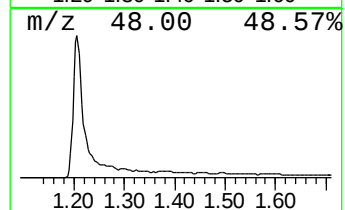
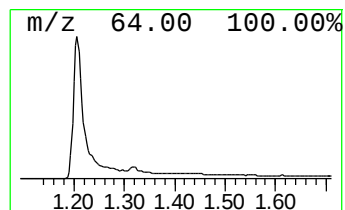
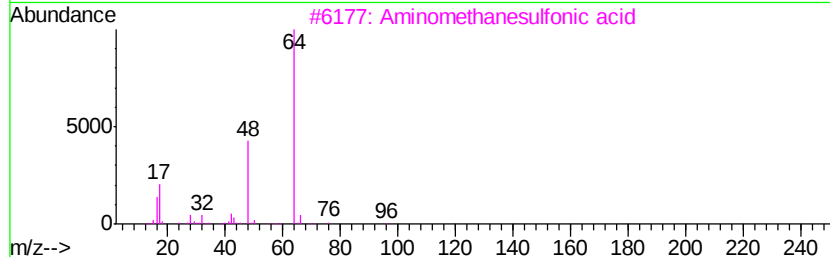
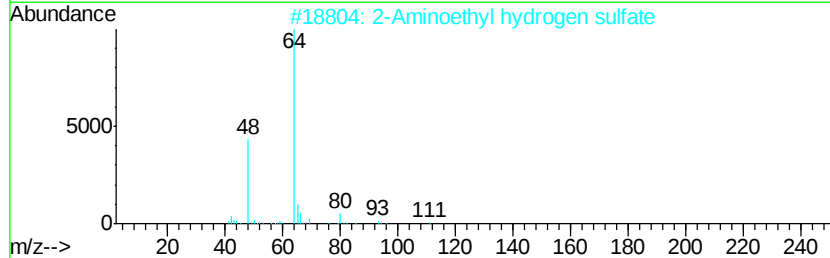
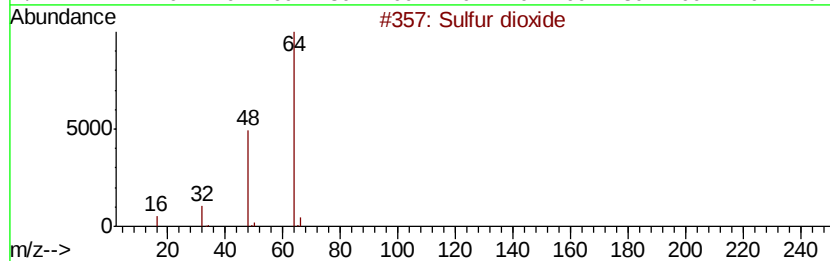
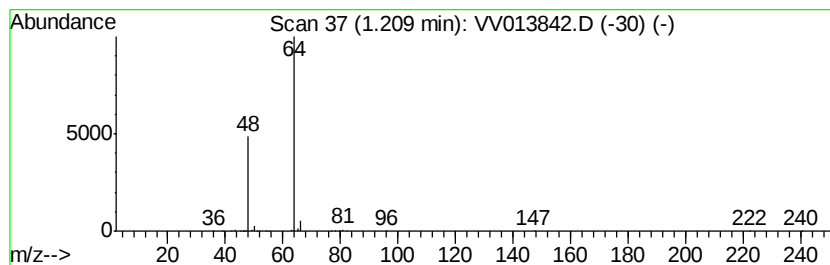
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

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	7.46 ug/L	231707	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfur dioxide	64	O2S	007446-09-5	83
2		2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	74
3		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	74
4		L-Alanine, 3-sulfo-	169	C3H7N05S	000498-40-8	9
5		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	9



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\
Data File : VV013842.D
Acq On : 29 Nov 2019 12:12
Operator : SY/MD
Sample : K5989-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.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	7.5	ug/L	231707	1	5.66	1552410	50.0