

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009760.D
 Acq On : 18 Mar 2019 15:47
 Operator : SY/MD
 Sample : K1918-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A5

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	1.116	4	8	17	rVB3	10871	10099	0.05%	0.020%
2	1.206	30	36	46	rBV	66298	112158	0.61%	0.222%
3	2.122	313	321	335	rVB	144898	202258	1.10%	0.401%
4	2.325	375	384	399	rVB2	17367	35134	0.19%	0.070%
5	3.373	706	710	713	rBV	768	606	0.00%	0.001%
6	3.441	726	731	733	rBV2	568	423	0.00%	0.001%
7	3.505	747	751	758	rBV	593	516	0.00%	0.001%
8	3.537	758	761	766	rVB	588	424	0.00%	0.001%
9	3.563	766	769	771	rBV	427	320	0.00%	0.001%
10	3.675	802	804	806	rVB	507	247	0.00%	0.000%
11	3.724	815	819	822	rBV	515	445	0.00%	0.001%
12	3.782	834	837	842	rVB	597	462	0.00%	0.001%
13	3.814	842	847	850	rVB3	608	542	0.00%	0.001%
14	3.852	855	859	864	rVB	1000	880	0.00%	0.002%
15	3.881	864	868	870	rBV	408	302	0.00%	0.001%
16	3.933	870	884	912	rBV	36928	96748	0.53%	0.192%
17	4.296	994	997	1000	rVB3	546	290	0.00%	0.001%
18	4.331	1006	1008	1013	rVB	710	442	0.00%	0.001%
19	4.402	1013	1030	1051	rBV	81241	199323	1.08%	0.395%
20	4.527	1067	1069	1072	rVB2	549	276	0.00%	0.001%
21	4.547	1072	1075	1080	rVB	699	581	0.00%	0.001%
22	4.595	1084	1090	1092	rBV	471	457	0.00%	0.001%
23	4.746	1133	1137	1141	rBV	335	337	0.00%	0.001%
24	4.798	1149	1153	1157	rBV	401	389	0.00%	0.001%
25	4.820	1157	1160	1163	rBV2	501	385	0.00%	0.001%
26	4.872	1170	1176	1179	rBV	917	886	0.00%	0.002%
27	5.023	1220	1223	1227	rBV	537	375	0.00%	0.001%
28	5.093	1227	1245	1258	rBV2	198732	504719	2.75%	1.001%
29	5.428	1346	1349	1351	rBV	365	256	0.00%	0.001%
30	5.505	1370	1373	1374	rBV	541	270	0.00%	0.001%
31	5.563	1388	1391	1393	rBV	428	293	0.00%	0.001%
32	5.662	1404	1422	1439	rBV	156351	317562	1.73%	0.630%
33	5.958	1511	1514	1519	rBV	550	673	0.00%	0.001%
34	5.994	1522	1525	1528	rVB	568	413	0.00%	0.001%

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35	6.029	1528	1536	1539	rBV2	506	593	0.00%	0.001%
36	6.119	1549	1564	1582	rBV2	108861	222533	1.21%	0.441%
37	6.283	1613	1615	1618	rBV2	469	316	0.00%	0.001%
38	6.331	1626	1630	1635	rVB	608	583	0.00%	0.001%
39	6.363	1635	1640	1643	rBV2	522	487	0.00%	0.001%
40	6.402	1649	1652	1656	rVB	532	394	0.00%	0.001%
41	6.489	1677	1679	1682	rVB	646	366	0.00%	0.001%
42	6.630	1718	1723	1725	rBV2	799	672	0.00%	0.001%
43	6.775	1764	1768	1772	rBV	294	271	0.00%	0.001%
44	6.801	1772	1776	1782	rBV2	670	656	0.00%	0.001%
45	6.916	1809	1812	1819	rBV	779	860	0.00%	0.002%
46	6.949	1819	1822	1827	rVV	626	582	0.00%	0.001%
47	7.029	1836	1847	1861	rBV	63299	113227	0.62%	0.225%
48	7.151	1883	1885	1888	rVB	548	281	0.00%	0.001%
49	7.183	1888	1895	1901	rBV4	701	1089	0.01%	0.002%
50	7.309	1931	1934	1937	rBV2	464	364	0.00%	0.001%
51	7.360	1937	1950	1966	rBV	240240	422740	2.30%	0.839%
52	7.608	2025	2027	2030	rBV	361	250	0.00%	0.000%
53	7.666	2034	2045	2057	rBV	44888	73937	0.40%	0.147%
54	7.752	2067	2072	2073	rBV	398	335	0.00%	0.001%
55	7.862	2103	2106	2109	rVV	405	275	0.00%	0.001%
56	7.881	2109	2112	2118	rVB2	684	689	0.00%	0.001%
57	7.920	2118	2124	2128	rBV2	457	637	0.00%	0.001%
58	7.974	2138	2141	2145	rBV2	547	393	0.00%	0.001%
59	8.135	2178	2191	2211	rBV	122260	230385	1.25%	0.457%
60	8.486	2298	2300	2303	rBV	695	415	0.00%	0.001%
61	8.630	2336	2345	2352	rVB	666	941	0.01%	0.002%
62	8.662	2352	2355	2358	rBV2	632	494	0.00%	0.001%
63	8.695	2362	2365	2368	rBV2	403	303	0.00%	0.001%
64	8.749	2376	2382	2385	rBV2	375	432	0.00%	0.001%
65	8.830	2401	2407	2410	rBV	449	441	0.00%	0.001%
66	8.926	2415	2437	2480	rBV2	1700721	3305891	17.99%	6.557%
67	9.186	2515	2518	2520	rBV	749	510	0.00%	0.001%
68	9.373	2573	2576	2579	rBV	478	357	0.00%	0.001%
69	9.389	2579	2581	2584	rBV2	657	536	0.00%	0.001%
70	9.592	2641	2644	2646	rBV2	671	468	0.00%	0.001%
71	9.746	2689	2692	2695	rBV2	569	342	0.00%	0.001%

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72	9.826	2715	2717	2721	rVB	576	373	0.00%	0.001%
73	10.013	2772	2775	2780	rBV	589	736	0.00%	0.001%
74	10.077	2789	2795	2800	rBV	886	1214	0.01%	0.002%
75	10.264	2837	2853	2870	rBV	171212	270247	1.47%	0.536%
76	10.473	2912	2918	2927	rVB5	4716	6189	0.03%	0.012%
77	10.592	2944	2955	2963	rBV4	1591	3181	0.02%	0.006%
78	10.720	2990	2995	2997	rBV2	629	502	0.00%	0.001%
79	10.942	3060	3064	3066	rBV	597	445	0.00%	0.001%
80	11.032	3089	3092	3096	rBV2	400	382	0.00%	0.001%
81	11.129	3119	3122	3125	rBV	513	324	0.00%	0.001%
82	11.228	3139	3153	3166	rBV	3382327	5372879	29.24%	10.658%
83	11.325	3167	3183	3206	rVB	8315954	13070651	71.13%	25.927%
84	11.694	3280	3298	3318	rBV	3176621	5330154	29.01%	10.573%
85	11.865	3347	3351	3354	rBV2	1264	1104	0.01%	0.002%
86	12.061	3400	3412	3415	rBV	1008	1970	0.01%	0.004%
87	12.386	3505	3513	3520	rVB3	3476	5115	0.03%	0.010%
88	12.444	3520	3531	3545	rBV	124448	191944	1.04%	0.381%
89	12.627	3575	3588	3600	rBV3	74266	184354	1.00%	0.366%
90	12.694	3601	3609	3620	rVB	73584	111962	0.61%	0.222%
91	12.797	3632	3641	3652	rVB	26436	39927	0.22%	0.079%
92	12.878	3663	3666	3669	rBV2	544	429	0.00%	0.001%
93	12.981	3695	3698	3703	rBV2	524	548	0.00%	0.001%
94	13.042	3708	3717	3729	rVB2	14266	24180	0.13%	0.048%
95	13.318	3787	3803	3824	rBV	12312767	18375279	100.00%	36.449%
96	13.646	3902	3905	3907	rBV	585	287	0.00%	0.001%
97	13.794	3939	3951	3966	rBV	952693	1478367	8.05%	2.932%
98	14.273	4097	4100	4103	rBV	1099	797	0.00%	0.002%
99	14.974	4316	4318	4321	rVB	748	373	0.00%	0.001%
100	15.450	4457	4466	4478	rVB2	43483	66500	0.36%	0.132%

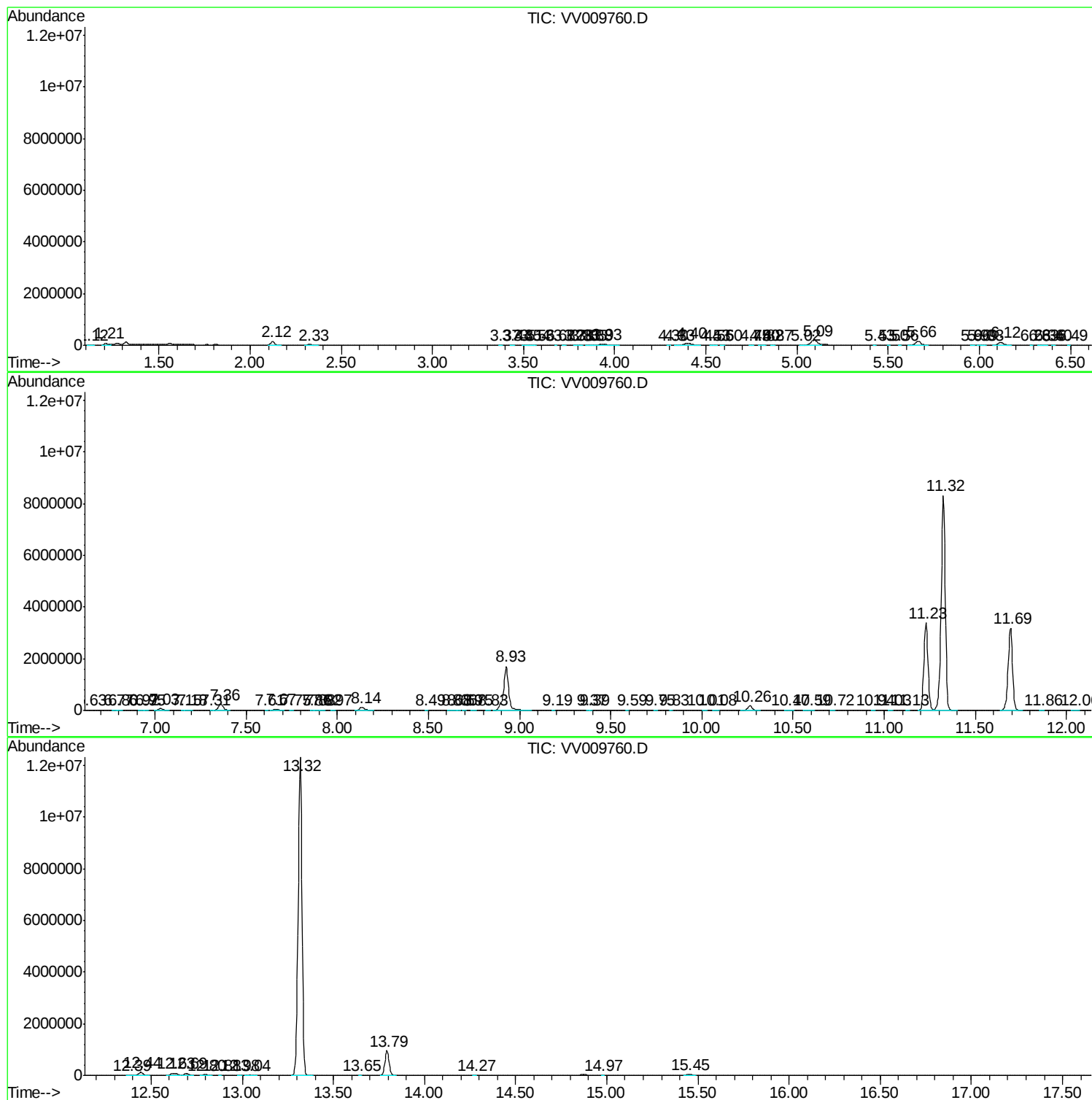
Sum of corrected areas: 50413949

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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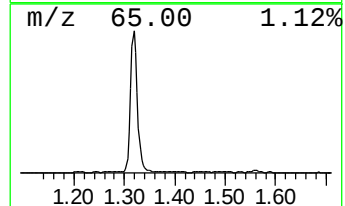
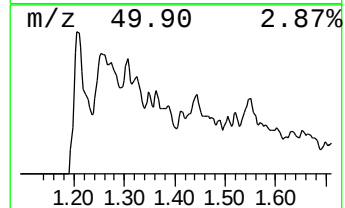
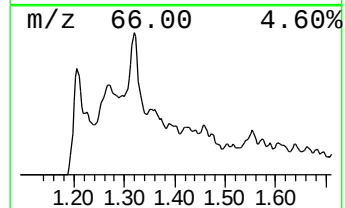
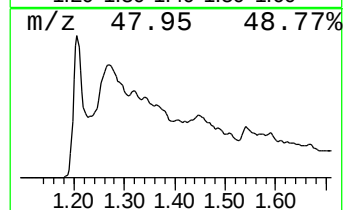
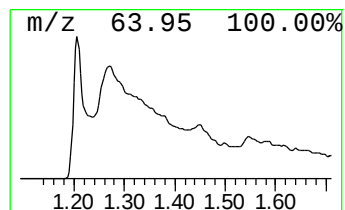
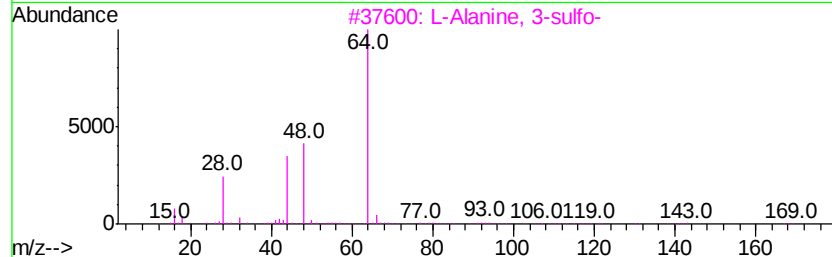
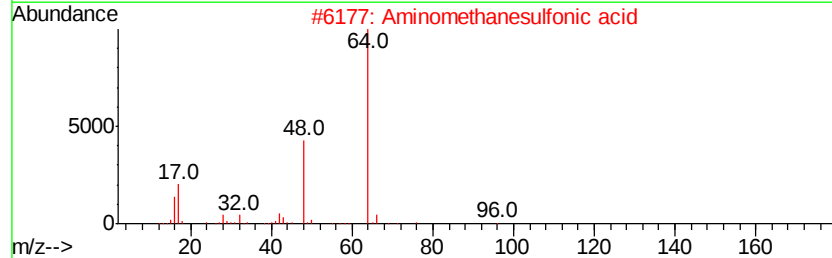
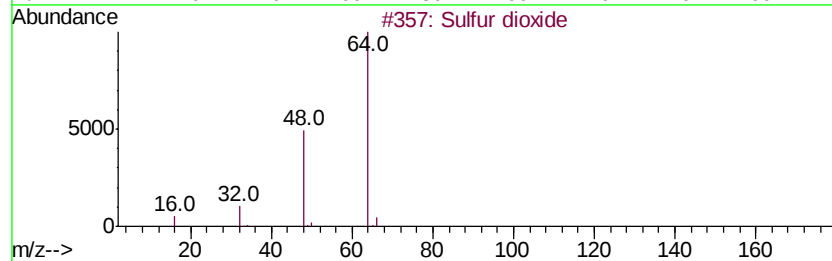
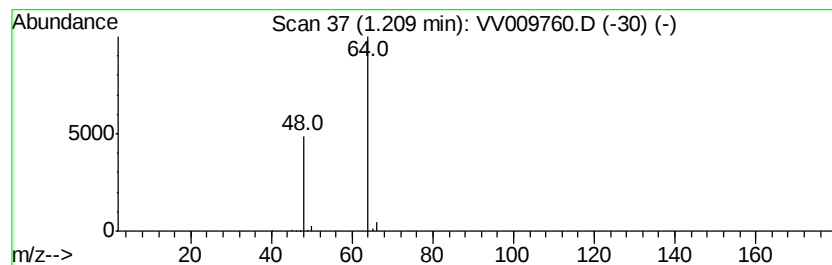
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	17.66 ug/L	112158	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		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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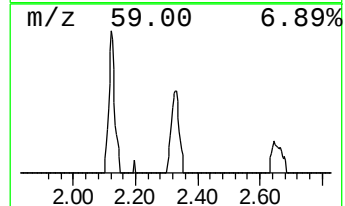
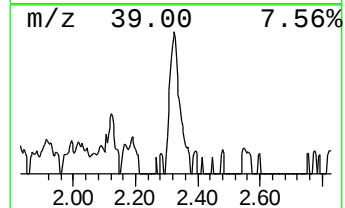
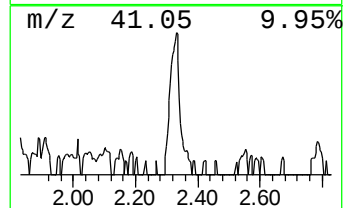
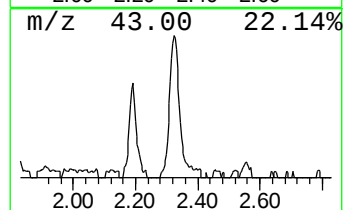
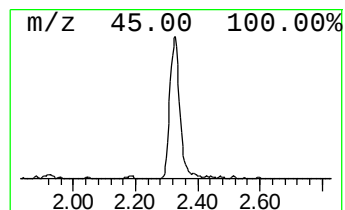
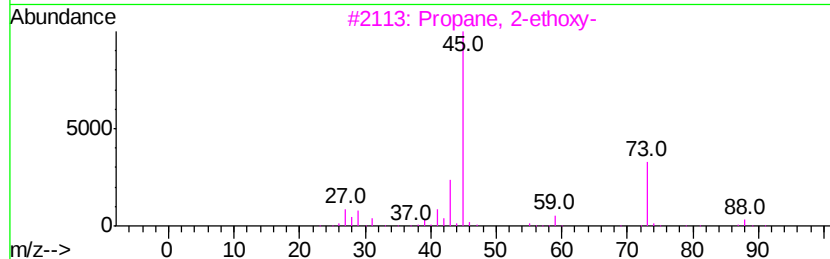
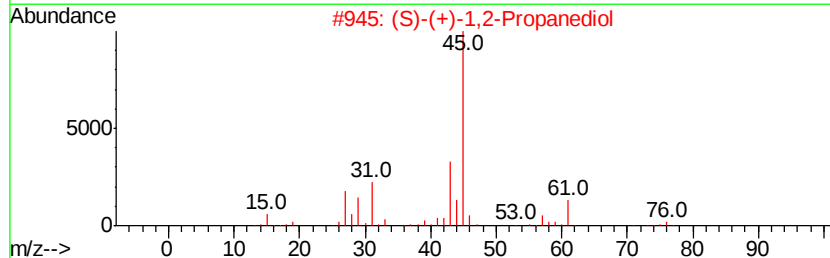
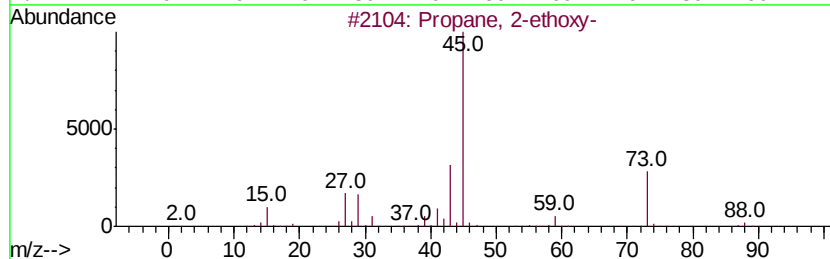
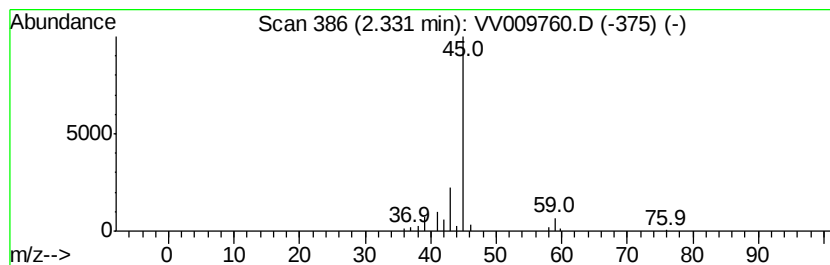
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Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	5.53 ug/L	35134	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
2		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	17.7	ug/L	112158	1	5.66	317562	50.0
unknown-01	2.33	5.5	ug/L	35134	1	5.66	317562	50.0