

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009759.D
 Acq On : 18 Mar 2019 15:22
 Operator : SY/MD
 Sample : K1918-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A4

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	14	rBV3	3017	2567	0.52%	0.065%
2	1.206	29	36	47	rBV	44657	81276	16.43%	2.046%
3	1.319	66	71	90	rVB	81165	86251	17.44%	2.171%
4	1.560	140	146	160	rVB	56221	70774	14.31%	1.782%
5	2.126	312	322	333	rVB	140848	200386	40.52%	5.044%
6	2.325	374	384	402	rVB2	14552	31003	6.27%	0.780%
7	2.650	479	485	495	rVB3	1182	1714	0.35%	0.043%
8	2.708	500	503	507	rBV3	428	466	0.09%	0.012%
9	2.807	526	534	538	rBV4	2188	2906	0.59%	0.073%
10	3.058	608	612	614	rBV2	596	472	0.10%	0.012%
11	3.306	686	689	699	rVB2	814	1094	0.22%	0.028%
12	3.679	799	805	812	rBV2	567	845	0.17%	0.021%
13	3.778	829	836	839	rBV	803	1163	0.24%	0.029%
14	3.843	854	856	861	rVB2	694	522	0.11%	0.013%
15	3.869	861	864	870	rVB2	564	617	0.12%	0.016%
16	3.933	870	884	910	rBV	35434	94913	19.19%	2.389%
17	4.139	944	948	957	rBV5	1355	1920	0.39%	0.048%
18	4.283	989	993	997	rVV	621	501	0.10%	0.013%
19	4.402	1014	1030	1051	rVV	79412	192970	39.02%	4.858%
20	4.798	1149	1153	1155	rBV	669	495	0.10%	0.012%
21	4.811	1155	1157	1162	rVV2	758	607	0.12%	0.015%
22	4.859	1166	1172	1175	rBV	530	564	0.11%	0.014%
23	5.016	1216	1221	1227	rVB2	572	700	0.14%	0.018%
24	5.097	1227	1246	1267	rBV3	194903	494589	100.00%	12.450%
25	5.360	1325	1328	1331	rBV2	716	458	0.09%	0.012%
26	5.569	1389	1393	1397	rBV	619	469	0.09%	0.012%
27	5.663	1408	1422	1443	rBV2	150850	309425	62.56%	7.789%
28	5.872	1482	1487	1493	rVB2	837	711	0.14%	0.018%
29	5.981	1516	1521	1524	rBV3	608	503	0.10%	0.013%
30	6.000	1524	1527	1533	rBV2	961	962	0.19%	0.024%
31	6.119	1550	1564	1582	rBV	107923	218401	44.16%	5.498%
32	6.283	1610	1615	1618	rBV3	600	460	0.09%	0.012%
33	6.306	1618	1622	1625	rBV	952	944	0.19%	0.024%
34	6.344	1630	1634	1637	rBV2	666	557	0.11%	0.014%

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35	6.489	1674	1679	1681	rBV	483	463	0.09%	0.012%
36	6.563	1699	1702	1706	rBV	575	479	0.10%	0.012%
37	6.585	1707	1709	1715	rVB	782	561	0.11%	0.014%
38	6.621	1715	1720	1722	rBV	497	473	0.10%	0.012%
39	7.029	1835	1847	1872	rBV	61855	112808	22.81%	2.840%
40	7.299	1926	1931	1936	rBV2	559	503	0.10%	0.013%
41	7.360	1936	1950	1976	rBV	231359	427618	86.46%	10.765%
42	7.598	2021	2024	2029	rVB3	782	820	0.17%	0.021%
43	7.663	2033	2044	2062	rVV2	41799	73237	14.81%	1.844%
44	7.814	2082	2091	2092	rBV	762	957	0.19%	0.024%
45	8.029	2156	2158	2162	rBV	614	482	0.10%	0.012%
46	8.135	2178	2191	2220	rBV	107529	221684	44.82%	5.581%
47	8.376	2259	2266	2270	rBV2	928	1316	0.27%	0.033%
48	8.511	2306	2308	2312	rVB2	853	574	0.12%	0.014%
49	8.605	2333	2337	2340	rBV2	556	595	0.12%	0.015%
50	8.794	2394	2396	2405	rVB2	776	884	0.18%	0.022%
51	8.843	2406	2411	2414	rBV2	484	458	0.09%	0.012%
52	8.897	2415	2428	2446	rBV	225977	386947	78.24%	9.741%
53	9.180	2512	2516	2519	rBV	829	650	0.13%	0.016%
54	9.248	2533	2537	2541	rBV2	691	559	0.11%	0.014%
55	9.380	2575	2578	2582	rVB	656	494	0.10%	0.012%
56	9.415	2582	2589	2593	rBV	829	830	0.17%	0.021%
57	9.463	2601	2604	2608	rBV2	595	524	0.11%	0.013%
58	9.566	2632	2636	2639	rBV	548	480	0.10%	0.012%
59	9.823	2708	2716	2718	rBV2	464	540	0.11%	0.014%
60	9.987	2761	2767	2772	rVB2	525	590	0.12%	0.015%
61	10.199	2830	2833	2837	rVB	769	568	0.11%	0.014%
62	10.264	2842	2853	2872	rVB	156828	255651	51.69%	6.436%
63	10.396	2891	2894	2900	rVB	943	923	0.19%	0.023%
64	10.428	2900	2904	2906	rBV	648	525	0.11%	0.013%
65	10.698	2985	2988	2992	rVV	843	666	0.13%	0.017%
66	10.740	2996	3001	3005	rBV2	752	780	0.16%	0.020%
67	11.023	3084	3089	3096	rVB2	578	726	0.15%	0.018%
68	11.167	3129	3134	3137	rBV	598	569	0.12%	0.014%
69	11.235	3149	3155	3159	rBV	952	1179	0.24%	0.030%
70	11.299	3162	3175	3196	rVV	181160	315948	63.88%	7.953%
71	11.376	3197	3199	3204	rVB	693	475	0.10%	0.012%

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72	11.518	3237	3243	3249	rVB	505	782	0.16%	0.020%
73	11.550	3249	3253	3256	rBV	727	489	0.10%	0.012%
74	11.588	3256	3265	3269	rBV3	915	1284	0.26%	0.032%
75	11.675	3280	3292	3307	rBV	204195	337676	68.27%	8.500%
76	12.023	3393	3400	3403	rBV2	620	712	0.14%	0.018%
77	12.154	3436	3441	3446	rBV	577	623	0.13%	0.016%
78	12.379	3507	3511	3516	rVB	1014	686	0.14%	0.017%
79	12.437	3525	3529	3532	rVV	562	478	0.10%	0.012%
80	12.473	3537	3540	3543	rVV	748	514	0.10%	0.013%
81	12.608	3575	3582	3588	rBV	656	1025	0.21%	0.026%
82	12.772	3631	3633	3640	rVB2	690	603	0.12%	0.015%
83	12.852	3655	3658	3660	rBV2	741	507	0.10%	0.013%
84	12.977	3691	3697	3699	rBV	553	581	0.12%	0.015%
85	13.061	3719	3723	3727	rBV	580	600	0.12%	0.015%
86	13.170	3752	3757	3761	rBV	618	745	0.15%	0.019%
87	13.415	3829	3833	3836	rBV	641	520	0.11%	0.013%
88	13.476	3846	3852	3857	rBV2	520	669	0.14%	0.017%
89	13.788	3946	3949	3954	rVB	1024	739	0.15%	0.019%
90	13.881	3974	3978	3981	rBV	664	606	0.12%	0.015%
91	14.174	4064	4069	4074	rVV2	860	862	0.17%	0.022%
92	14.395	4133	4138	4141	rVB3	577	514	0.10%	0.013%
93	14.424	4143	4147	4150	rBV	737	582	0.12%	0.015%
94	14.691	4226	4230	4235	rBV3	632	689	0.14%	0.017%
95	14.756	4244	4250	4251	rBV2	1080	985	0.20%	0.025%
96	14.887	4288	4291	4296	rBV2	763	701	0.14%	0.018%
97	15.074	4346	4349	4353	rBV	815	686	0.14%	0.017%
98	15.842	4585	4588	4591	rBV2	719	499	0.10%	0.013%
99	16.309	4730	4733	4736	rBV2	660	541	0.11%	0.014%
100	16.656	4837	4841	4844	rBV5	911	818	0.17%	0.021%

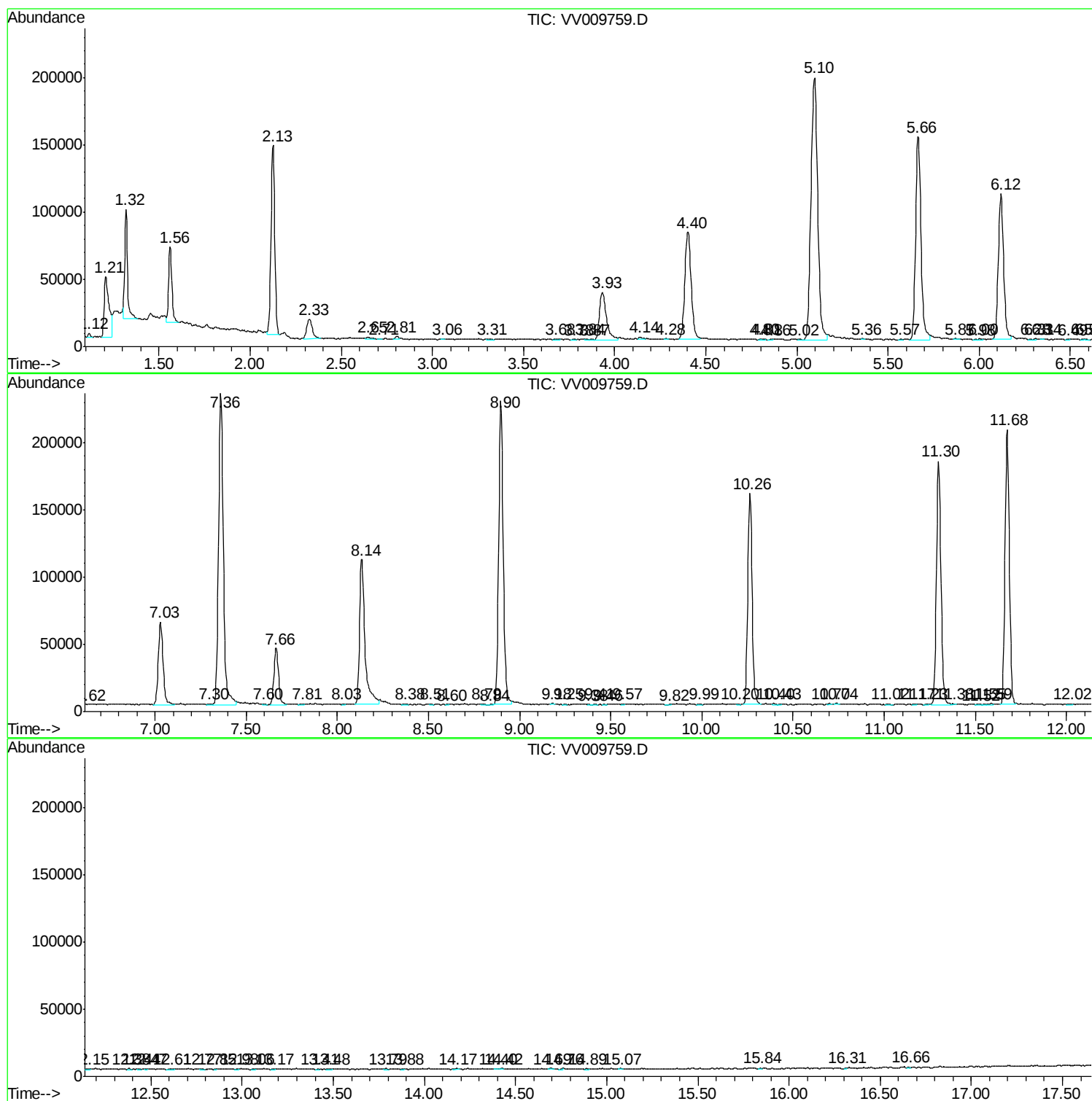
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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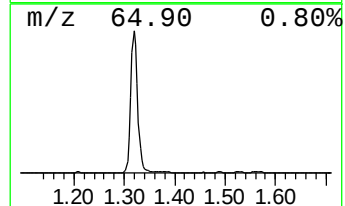
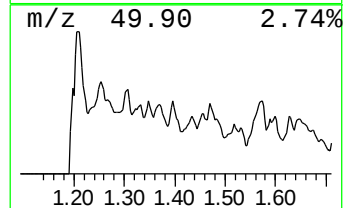
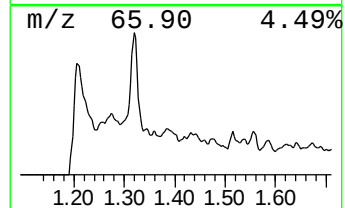
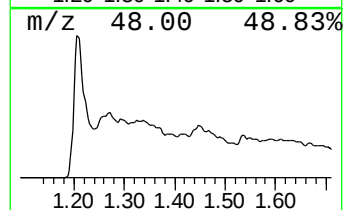
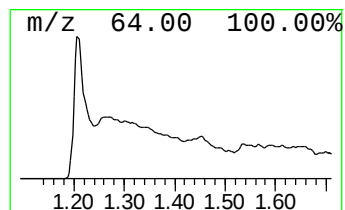
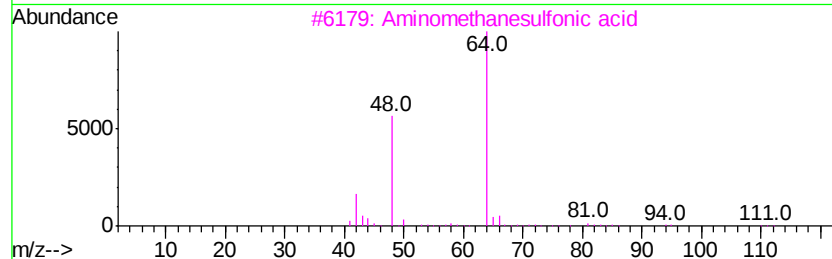
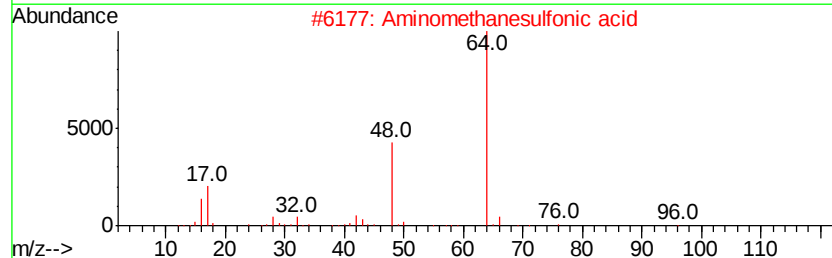
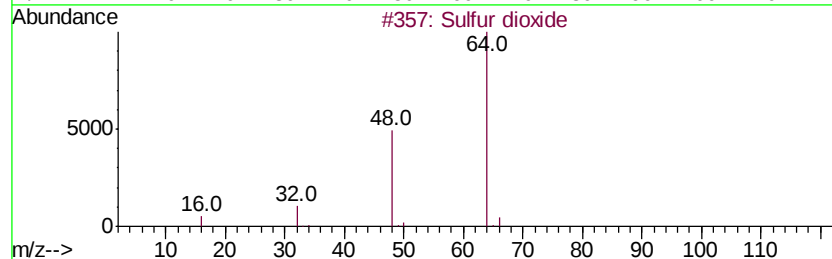
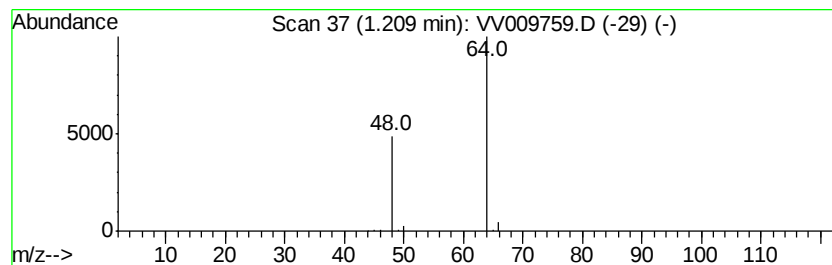
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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	13.13 ug/L	81276	1,4-Difluorobenzene	5.67

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		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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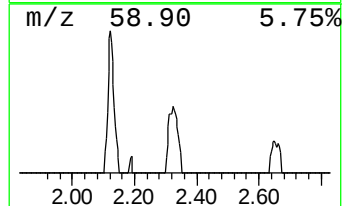
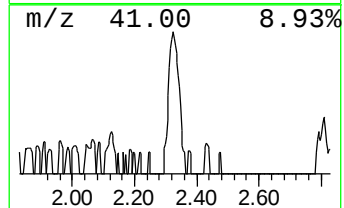
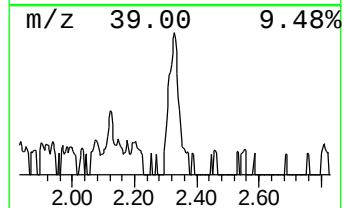
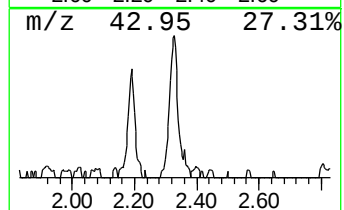
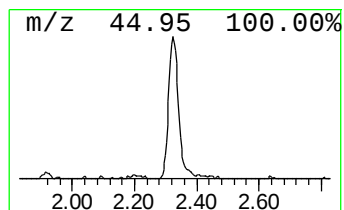
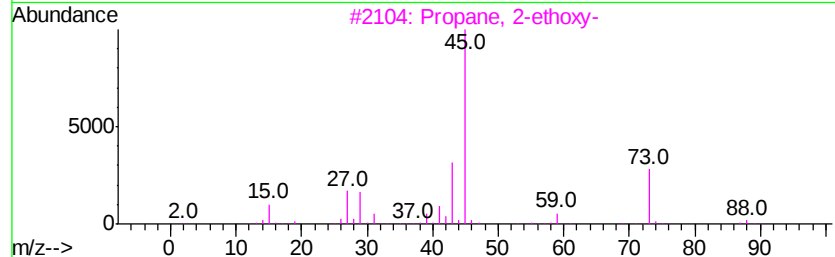
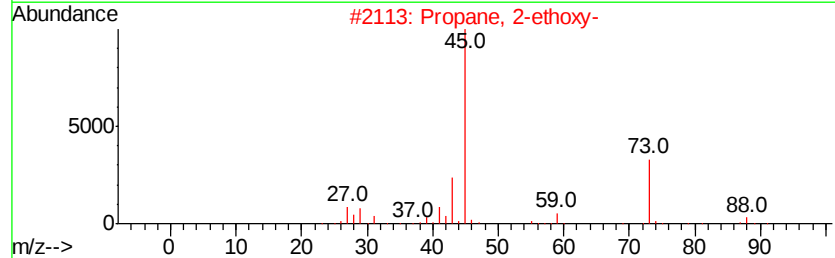
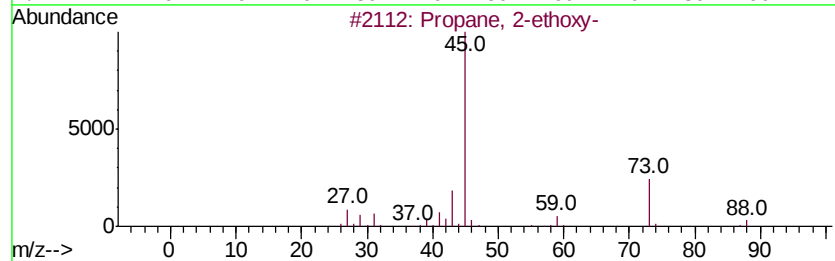
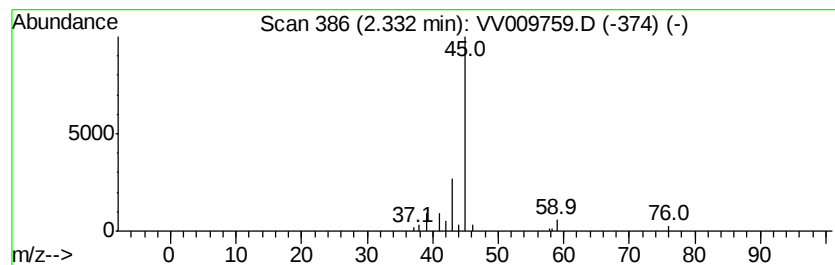
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 2-ethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	5.01 ug/L	31003	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
2		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
4		2-Pentanol	88	C5H12O	006032-29-7	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	13.1	ug/L	81276	1	5.67	309425	50.0
Propane, 2-ethoxy-	2.33	5.0	ug/L	31003	1	5.67	309425	50.0