

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037084.D
 Acq On : 05 Mar 2020 15:28
 Operator : JC/MD
 Sample : L1780-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH8

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_U\METHOD\SOMULM022420WMA.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	1.369	5	9	14	rBV3	2388	2699	0.27%	0.034%
2	1.488	36	46	56	rBV	55308	118568	11.93%	1.500%
3	1.613	79	85	95	rBV	125415	134269	13.51%	1.699%
4	1.929	176	183	196	rVB	116158	147791	14.87%	1.870%
5	2.591	376	389	403	rBV	183969	302151	30.41%	3.823%
6	2.790	435	451	475	rBV	136466	261601	26.33%	3.310%
7	3.218	574	584	598	rVB4	2462	5897	0.59%	0.075%
8	3.404	639	642	647	rVB2	361	296	0.03%	0.004%
9	3.433	647	651	657	rBV3	475	595	0.06%	0.008%
10	3.620	704	709	714	rBV2	304	308	0.03%	0.004%
11	3.658	717	721	726	rVB2	218	252	0.03%	0.003%
12	3.793	760	763	767	rBV2	222	207	0.02%	0.003%
13	3.893	780	794	814	rBV2	29915	69556	7.00%	0.880%
14	3.983	817	822	826	rBV2	215	265	0.03%	0.003%
15	4.012	826	831	833	rBV	245	230	0.02%	0.003%
16	4.189	880	886	889	rBV2	250	327	0.03%	0.004%
17	4.292	914	918	921	rBV2	231	218	0.02%	0.003%
18	4.398	947	951	955	rVB2	261	281	0.03%	0.004%
19	4.427	955	960	966	rBV2	385	561	0.06%	0.007%
20	4.671	1020	1036	1072	rBV	104989	250264	25.19%	3.167%
21	4.806	1076	1078	1083	rVB3	492	331	0.03%	0.004%
22	4.916	1108	1112	1119	rVB2	424	506	0.05%	0.006%
23	4.954	1119	1124	1128	rBV	321	357	0.04%	0.005%
24	5.018	1140	1144	1146	rBV2	394	290	0.03%	0.004%
25	5.105	1153	1171	1193	rBV	175041	378452	38.09%	4.788%
26	5.215	1203	1205	1208	rVB2	431	224	0.02%	0.003%
27	5.234	1209	1211	1217	rVB2	312	261	0.03%	0.003%
28	5.285	1223	1227	1230	rBV3	307	195	0.02%	0.002%
29	5.321	1234	1238	1240	rBV3	439	287	0.03%	0.004%
30	5.407	1260	1265	1268	rBV2	301	242	0.02%	0.003%
31	5.594	1318	1323	1325	rBV	233	228	0.02%	0.003%
32	5.761	1353	1375	1400	rBV2	372701	993626	100.00%	12.572%
33	5.948	1430	1433	1437	rBV2	393	310	0.03%	0.004%
34	5.989	1443	1446	1449	rBV3	360	249	0.03%	0.003%

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 Title : VOC Analysis

35	6.186	1500	1507	1510	rBV3	473	599	0.06%	0.008%
36	6.282	1521	1537	1556	rVV	333737	623115	62.71%	7.884%
37	6.446	1585	1588	1592	rVB3	319	254	0.03%	0.003%
38	6.510	1604	1608	1611	rBV2	230	213	0.02%	0.003%
39	6.559	1615	1623	1624	rBV2	2276	2134	0.21%	0.027%
40	6.723	1660	1674	1697	rBV	236419	458067	46.10%	5.796%
41	6.825	1703	1706	1708	rBV2	359	234	0.02%	0.003%
42	7.060	1774	1779	1783	rVB2	246	281	0.03%	0.004%
43	7.211	1817	1826	1835	rVV3	2573	4237	0.43%	0.054%
44	7.295	1850	1852	1858	rVB2	260	284	0.03%	0.004%
45	7.481	1905	1910	1914	rVB2	217	241	0.02%	0.003%
46	7.507	1914	1918	1921	rBV2	169	197	0.02%	0.002%
47	7.594	1929	1945	1967	rBV	120146	213144	21.45%	2.697%
48	7.706	1974	1980	1993	rVB3	2071	3302	0.33%	0.042%
49	7.925	2033	2048	2076	rBV	437994	767143	77.21%	9.706%
50	8.205	2123	2135	2152	rBV	82307	139893	14.08%	1.770%
51	8.340	2174	2177	2183	rVB2	212	196	0.02%	0.002%
52	8.497	2219	2226	2232	rVB2	494	674	0.07%	0.009%
53	8.661	2264	2277	2323	rVV	264510	527433	53.08%	6.673%
54	9.015	2384	2387	2390	rBV	217	205	0.02%	0.003%
55	9.292	2469	2473	2476	rBV	258	258	0.03%	0.003%
56	9.439	2505	2519	2555	rVB	461294	785586	79.06%	9.940%
57	9.690	2593	2597	2600	rBV	299	267	0.03%	0.003%
58	9.867	2644	2652	2657	rVB2	225	322	0.03%	0.004%
59	9.919	2664	2668	2671	rBV	189	201	0.02%	0.003%
60	10.173	2742	2747	2750	rBV2	268	292	0.03%	0.004%
61	10.327	2788	2795	2796	rBV	252	289	0.03%	0.004%
62	10.362	2799	2806	2809	rBV	327	446	0.04%	0.006%
63	10.430	2824	2827	2833	rBV2	208	230	0.02%	0.003%
64	10.774	2921	2934	2952	rVB	307887	502992	50.62%	6.364%
65	11.526	3163	3168	3171	rBV2	306	317	0.03%	0.004%
66	11.619	3194	3197	3201	rVB2	303	221	0.02%	0.003%
67	11.652	3201	3207	3210	rBV2	221	315	0.03%	0.004%
68	11.697	3216	3221	3227	rBV	244	357	0.04%	0.005%
69	11.828	3250	3262	3280	rVB	350858	588237	59.20%	7.443%
70	11.963	3301	3304	3310	rBV	182	212	0.02%	0.003%
71	12.012	3314	3319	3323	rBV2	345	373	0.04%	0.005%

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72	12.082	3337	3341	3347	rVB2	826	845	0.09%	0.011%
73	12.208	3366	3380	3398	rVB	360967	598254	60.21%	7.570%
74	12.491	3464	3468	3471	rBV2	244	201	0.02%	0.003%
75	12.706	3531	3535	3537	rBV2	240	216	0.02%	0.003%
76	12.816	3562	3569	3572	rBV2	235	340	0.03%	0.004%
77	12.928	3600	3604	3608	rBV	205	223	0.02%	0.003%
78	13.053	3638	3643	3645	rBV	408	301	0.03%	0.004%
79	13.279	3710	3713	3717	rVB2	311	249	0.03%	0.003%
80	13.603	3808	3814	3817	rBV2	442	486	0.05%	0.006%
81	13.716	3846	3849	3853	rBV2	266	193	0.02%	0.002%
82	13.870	3895	3897	3900	rVB2	535	292	0.03%	0.004%
83	14.018	3941	3943	3947	rVB	469	292	0.03%	0.004%
84	14.115	3970	3973	3979	rBV3	411	571	0.06%	0.007%
85	14.246	4011	4014	4018	rBV2	448	344	0.03%	0.004%
86	14.295	4024	4029	4031	rBV2	271	251	0.03%	0.003%
87	14.333	4037	4041	4047	rBV3	583	642	0.06%	0.008%
88	14.385	4053	4057	4059	rBV3	360	316	0.03%	0.004%
89	14.478	4083	4086	4088	rBV2	382	300	0.03%	0.004%
90	14.494	4088	4091	4095	rVB2	360	287	0.03%	0.004%
91	14.606	4123	4126	4130	rBV	339	282	0.03%	0.004%
92	14.635	4132	4135	4140	rVV2	306	269	0.03%	0.003%
93	14.713	4157	4159	4163	rVV2	395	318	0.03%	0.004%
94	14.758	4168	4173	4176	rVB	489	424	0.04%	0.005%
95	14.783	4176	4181	4183	rBV3	419	370	0.04%	0.005%
96	14.954	4229	4234	4236	rBV2	349	387	0.04%	0.005%
97	15.002	4246	4249	4254	rBV2	349	374	0.04%	0.005%
98	15.880	4519	4522	4524	rBV2	390	236	0.02%	0.003%
99	16.008	4559	4562	4563	rBV2	469	308	0.03%	0.004%
100	16.581	4736	4740	4747	rBV4	1019	1247	0.13%	0.016%

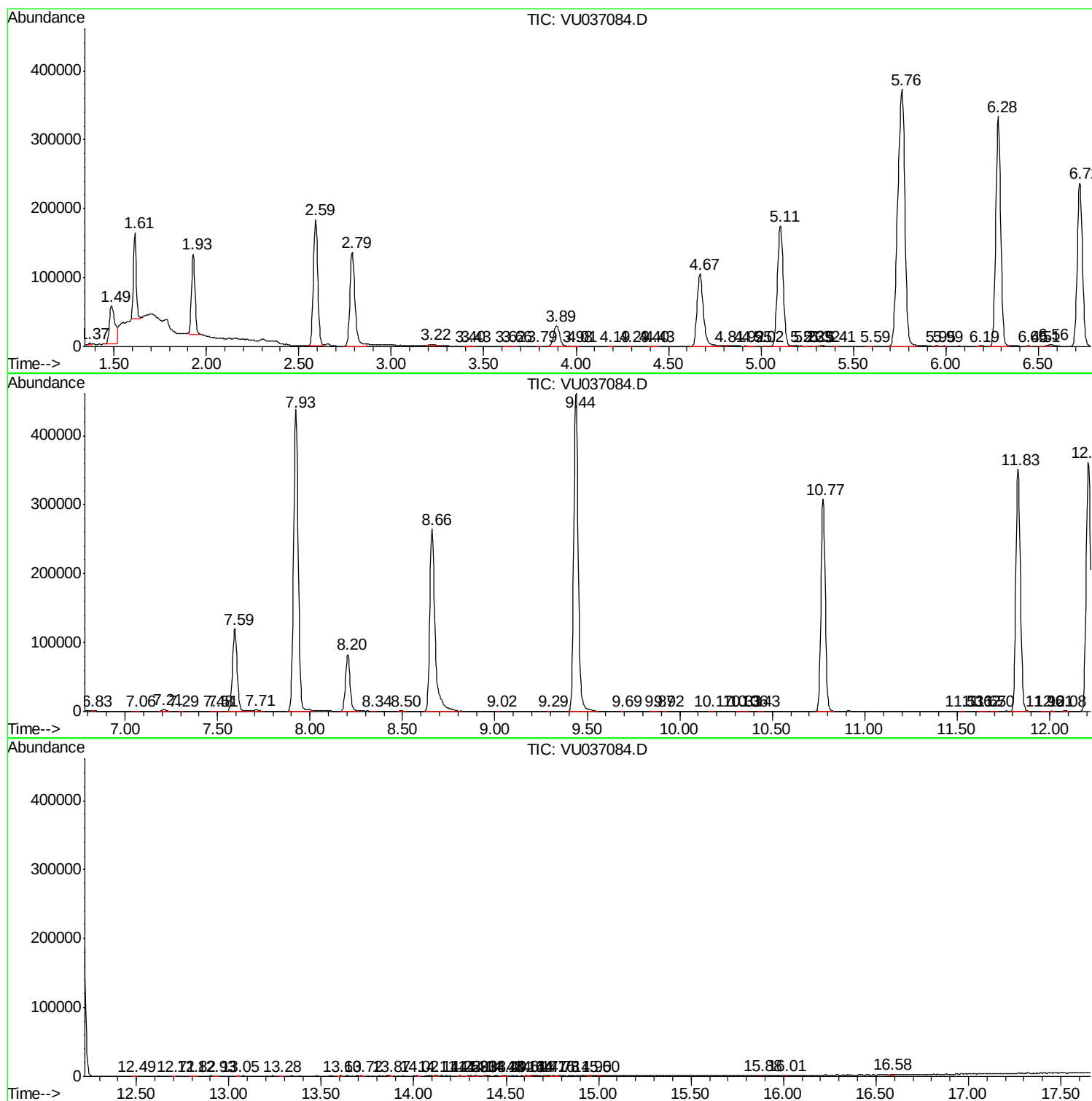
Sum of corrected areas: 7903473

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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

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



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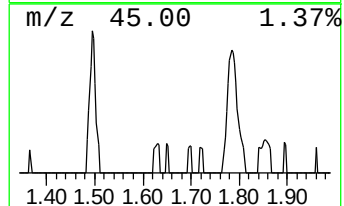
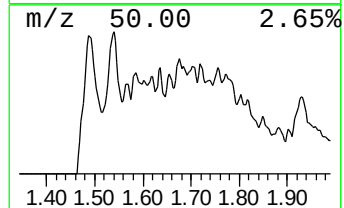
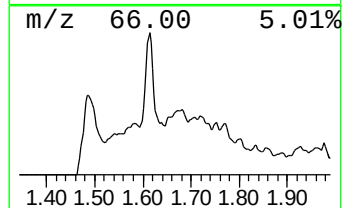
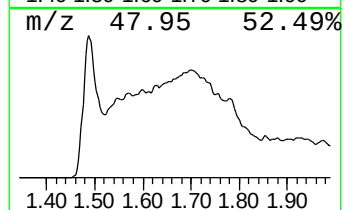
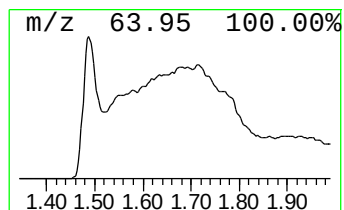
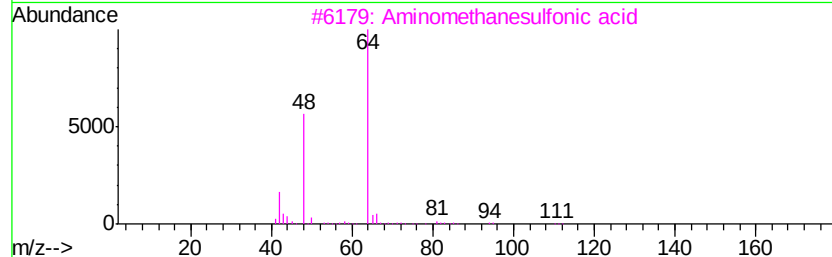
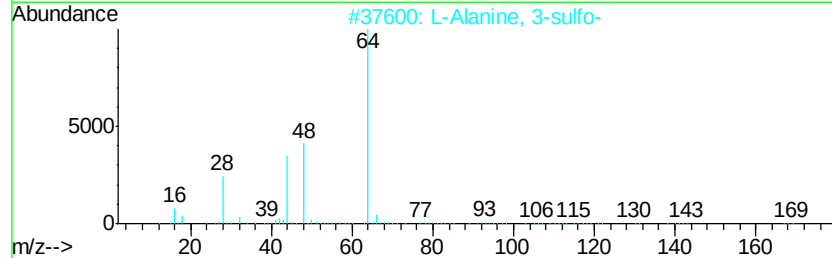
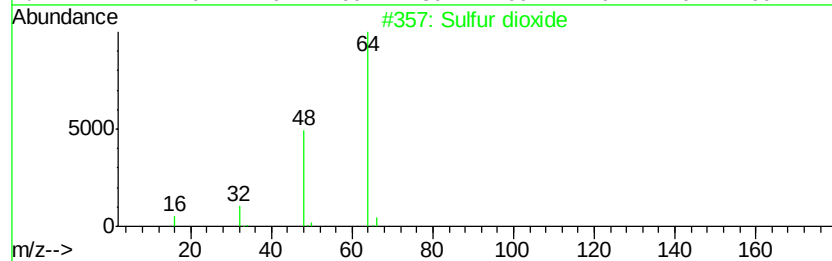
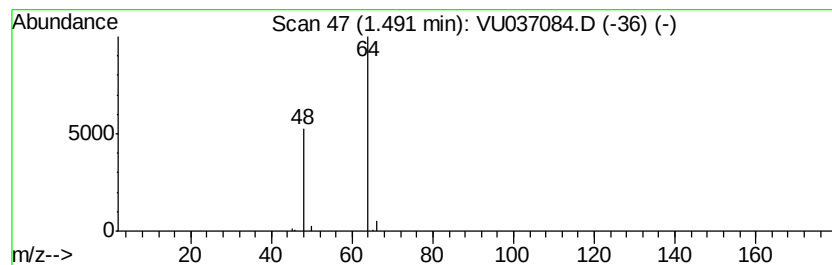
Instrument :
MSVOA_U
ClientSampleId :
C0DH8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.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.
1.49	9.51 ug/L	118568	1,4-Difluorobenzene	6.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 90
2		L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8 9
3		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9
4		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9
5		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9



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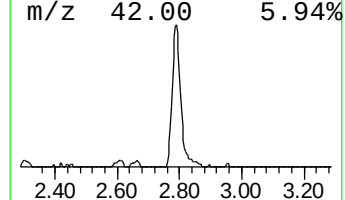
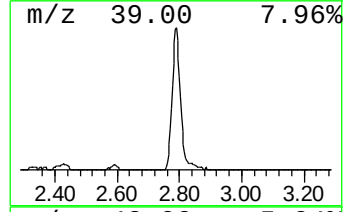
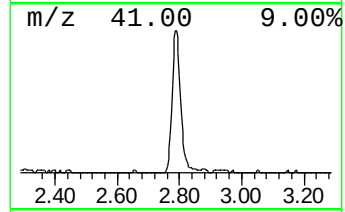
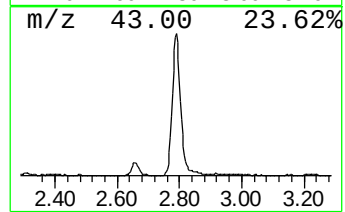
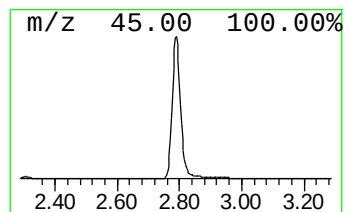
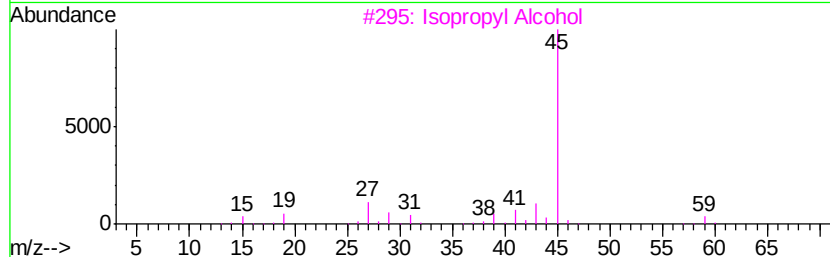
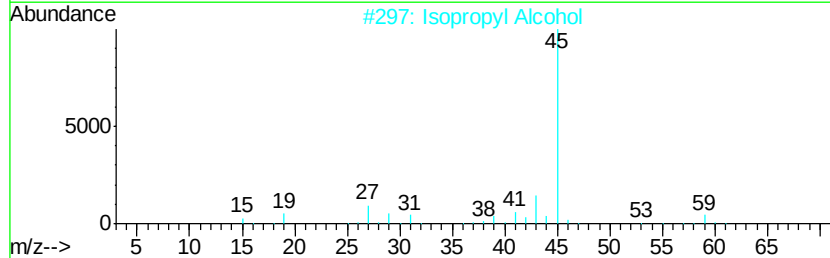
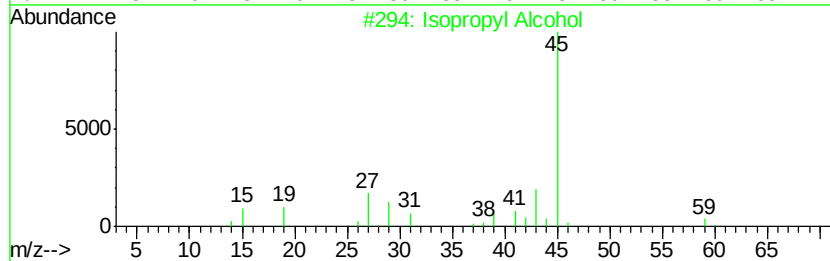
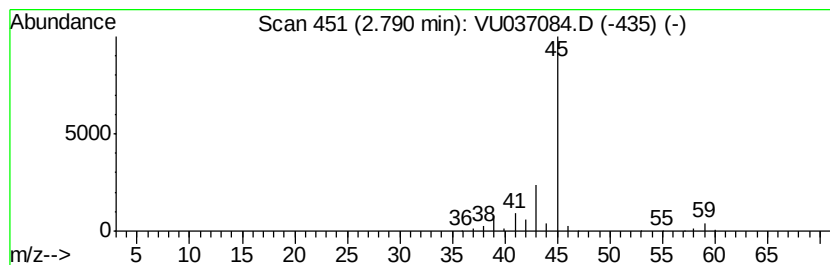
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	20.99 ug/L	261601	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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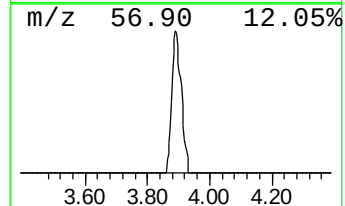
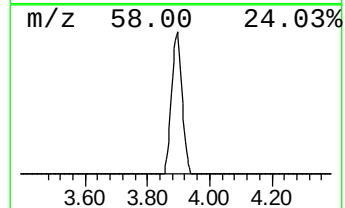
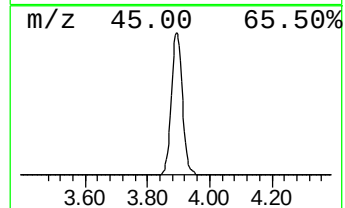
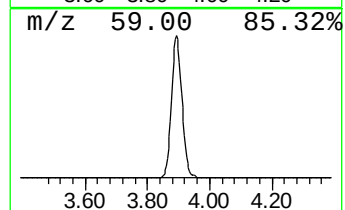
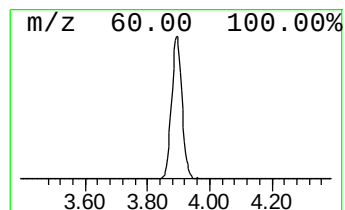
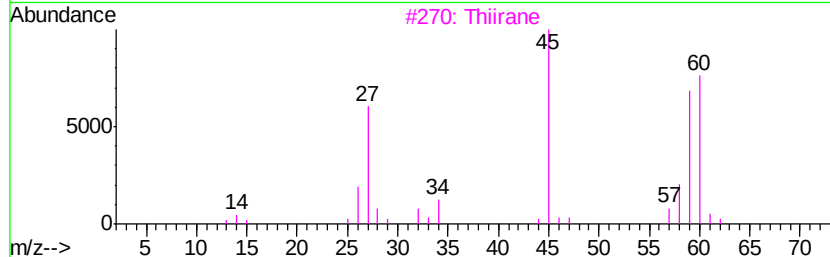
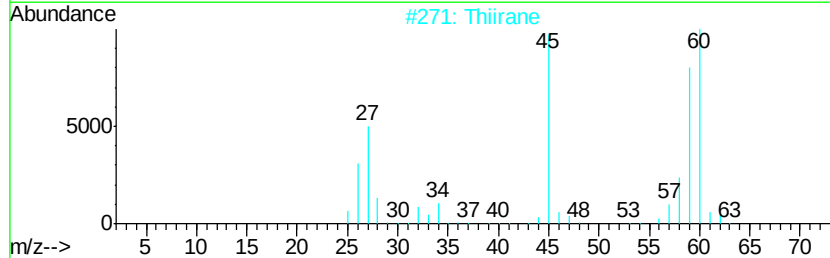
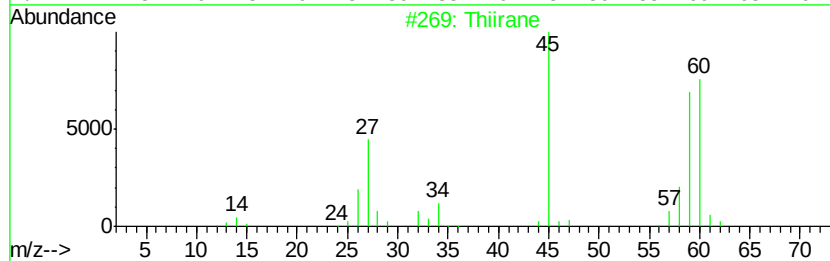
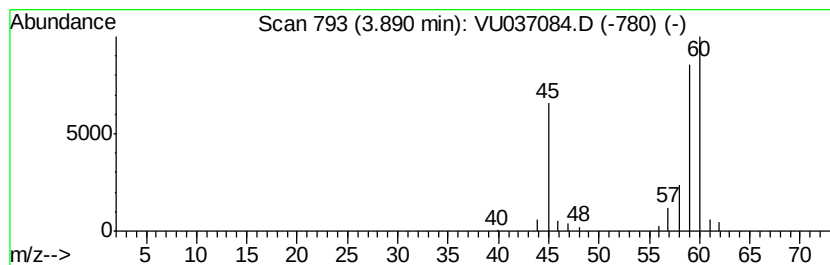
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Thiirane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	5.58 ug/L	69556	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiirane	60	C2H4S	000420-12-2	78
2			Thiirane	60	C2H4S	000420-12-2	58
3			Thiirane	60	C2H4S	000420-12-2	53
4			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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ClientSampleId :
C0DH8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.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	1.49	9.5	ug/L	118568	1	6.28	623115	50.0
Isopropyl Alcohol	2.79	21.0	ug/L	261601	1	6.28	623115	50.0
Thiirane	3.89	5.6	ug/L	69556	1	6.28	623115	50.0