

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011269.D
 Acq On : 15 Jul 2019 18:51
 Operator : SY/VA
 Sample : K3798-06
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H0

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_W\METHOD\SOM2WLM070219S.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	1.989	6	14	29	rVB	21735	56780	5.53%	0.680%
2	2.148	35	40	47	rBV2	10277	24493	2.39%	0.293%
3	2.349	67	73	82	rVB2	65819	122397	11.93%	1.467%
4	2.489	91	96	105	rBV2	15845	36285	3.54%	0.435%
5	2.879	154	160	171	rBV2	36477	92445	9.01%	1.108%
6	3.269	220	224	228	rVB5	972	1703	0.17%	0.020%
7	3.373	239	241	242	rBV2	742	700	0.07%	0.008%
8	3.458	253	255	257	rBV2	507	584	0.06%	0.007%
9	3.531	260	267	269	rBV5	2145	4084	0.40%	0.049%
10	3.666	286	289	291	rBV3	733	961	0.09%	0.012%
11	3.714	292	297	298	rBV3	2783	3599	0.35%	0.043%
12	4.013	333	346	357	rBV3	93910	318600	31.05%	3.818%
13	4.117	357	363	380	rVB	26612	82142	8.01%	0.984%
14	4.379	399	406	417	rVB2	3978	11682	1.14%	0.140%
15	4.665	447	453	457	rBV4	1223	2803	0.27%	0.034%
16	4.739	462	465	466	rBV2	606	658	0.06%	0.008%
17	4.854	479	484	485	rBV4	454	673	0.07%	0.008%
18	4.922	485	495	508	rVV6	4135	16481	1.61%	0.197%
19	5.147	529	532	533	rVV3	397	496	0.05%	0.006%
20	5.171	534	536	538	rVV3	613	575	0.06%	0.007%
21	5.196	538	540	541	rVV2	514	469	0.05%	0.006%
22	5.239	544	547	549	rBV3	392	594	0.06%	0.007%
23	5.306	556	558	561	rVB2	355	405	0.04%	0.005%
24	5.415	568	576	588	rVB3	5505	17282	1.68%	0.207%
25	5.543	595	597	600	rBV3	387	524	0.05%	0.006%
26	5.787	626	637	646	rBV2	5780	18956	1.85%	0.227%
27	5.934	652	661	666	rBV5	3002	8441	0.82%	0.101%
28	6.092	684	687	688	rBV2	487	442	0.04%	0.005%
29	6.183	700	702	703	rBV2	554	457	0.04%	0.005%
30	6.354	726	730	731	rBV2	425	532	0.05%	0.006%
31	6.452	743	746	752	rVB3	470	996	0.10%	0.012%
32	6.586	763	768	769	rBV2	1918	2162	0.21%	0.026%
33	6.738	790	793	795	rBV3	510	699	0.07%	0.008%
34	6.793	801	802	806	rVB2	333	383	0.04%	0.005%

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 Title : VOC Analysis

35	6.903	809	820	827	rBV4	2477	7730	0.75%	0.093%
36	7.074	838	848	854	rBV	67251	179379	17.48%	2.149%
37	7.165	855	863	876	rVB	273598	726425	70.80%	8.705%
38	7.330	888	890	895	rVB5	418	505	0.05%	0.006%
39	7.384	897	899	904	rVB3	261	381	0.04%	0.005%
40	7.476	913	914	917	rBV2	441	435	0.04%	0.005%
41	7.561	926	928	932	rVB3	382	393	0.04%	0.005%
42	7.647	932	942	956	rBV	164963	407703	39.74%	4.885%
43	7.811	968	969	973	rBV2	494	508	0.05%	0.006%
44	7.897	982	983	985	rBV2	692	599	0.06%	0.007%
45	7.945	988	991	999	rVB5	1037	2192	0.21%	0.026%
46	8.006	999	1001	1003	rBV2	371	458	0.04%	0.005%
47	8.159	1023	1026	1028	rBV2	325	377	0.04%	0.005%
48	8.275	1033	1045	1061	rBV2	327145	1026033	100.00%	12.295%
49	8.549	1087	1090	1099	rVB8	2231	4761	0.46%	0.057%
50	8.701	1108	1115	1118	rBV3	1666	3377	0.33%	0.040%
51	8.842	1128	1138	1148	rBV	331923	662183	64.54%	7.935%
52	8.963	1154	1158	1161	rVB4	463	688	0.07%	0.008%
53	9.006	1161	1165	1166	rBV3	273	402	0.04%	0.005%
54	9.085	1168	1178	1190	rVB	105559	213824	20.84%	2.562%
55	9.274	1199	1209	1225	rBV	247742	516237	50.31%	6.186%
56	9.409	1227	1231	1237	rVB4	2218	4177	0.41%	0.050%
57	9.524	1247	1250	1253	rBV4	523	672	0.07%	0.008%
58	9.579	1253	1259	1260	rBV3	338	565	0.06%	0.007%
59	9.658	1265	1272	1278	rBV3	3689	7953	0.78%	0.095%
60	9.908	1311	1313	1318	rVB2	412	443	0.04%	0.005%
61	10.030	1326	1333	1343	rBV	122508	231482	22.56%	2.774%
62	10.122	1343	1348	1353	rBV6	2097	3655	0.36%	0.044%
63	10.213	1361	1363	1367	rVB4	655	789	0.08%	0.009%
64	10.323	1372	1381	1388	rBV	413894	725007	70.66%	8.688%
65	10.384	1388	1391	1398	rVV	8459	13994	1.36%	0.168%
66	10.494	1402	1409	1413	rBV5	1405	2426	0.24%	0.029%
67	10.579	1416	1423	1437	rBV	85915	151523	14.77%	1.816%
68	10.701	1438	1443	1449	rVV	8753	15180	1.48%	0.182%
69	10.829	1461	1464	1468	rBV6	644	955	0.09%	0.011%
70	10.927	1473	1480	1493	rBV	237076	409734	39.93%	4.910%
71	11.073	1499	1504	1511	rBV3	4202	7431	0.72%	0.089%

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 Title : VOC Analysis

72	11.286	1537	1539	1542	rVV3	505	548	0.05%	0.007%
73	11.396	1554	1557	1558	rBV2	604	491	0.05%	0.006%
74	11.500	1570	1574	1575	rBV3	631	636	0.06%	0.008%
75	11.628	1588	1595	1606	rBV	408836	696595	67.89%	8.347%
76	11.725	1609	1611	1612	rBV2	604	496	0.05%	0.006%
77	11.835	1623	1629	1633	rVV4	2903	6054	0.59%	0.073%
78	11.871	1633	1635	1643	rVV6	3455	5994	0.58%	0.072%
79	11.993	1654	1655	1658	rBV2	435	380	0.04%	0.005%
80	12.097	1670	1672	1673	rBV2	592	534	0.05%	0.006%
81	12.128	1675	1677	1678	rVV	586	383	0.04%	0.005%
82	12.243	1691	1696	1704	rVB7	1331	3005	0.29%	0.036%
83	12.347	1707	1713	1721	rBV7	2695	7871	0.77%	0.094%
84	12.463	1725	1732	1734	rBV6	1289	2487	0.24%	0.030%
85	12.609	1749	1756	1761	rBV	29541	48630	4.74%	0.583%
86	12.694	1763	1770	1777	rBV	227989	376054	36.65%	4.506%
87	12.780	1781	1784	1790	rVB5	3528	6333	0.62%	0.076%
88	12.859	1790	1797	1800	rBV6	2438	4770	0.46%	0.057%
89	12.938	1804	1810	1814	rBV8	3507	8034	0.78%	0.096%
90	13.042	1824	1827	1830	rBV5	723	973	0.09%	0.012%
91	13.079	1830	1833	1838	rBV6	1537	2718	0.26%	0.033%
92	13.140	1838	1843	1844	rBV5	1131	1864	0.18%	0.022%
93	13.274	1860	1865	1873	rBV9	4151	10986	1.07%	0.132%
94	13.560	1905	1912	1921	rBV	295291	474656	46.26%	5.688%
95	13.853	1952	1960	1970	rBV	262676	454814	44.33%	5.450%
96	14.072	1992	1996	2005	rVB	12563	23719	2.31%	0.284%
97	14.328	2034	2038	2042	rBV4	5203	7257	0.71%	0.087%
98	14.383	2044	2047	2051	rVB5	8062	10777	1.05%	0.129%
99	14.548	2067	2074	2079	rVB6	10574	22335	2.18%	0.268%
100	15.328	2200	2202	2209	rBV6	3746	4803	0.47%	0.058%

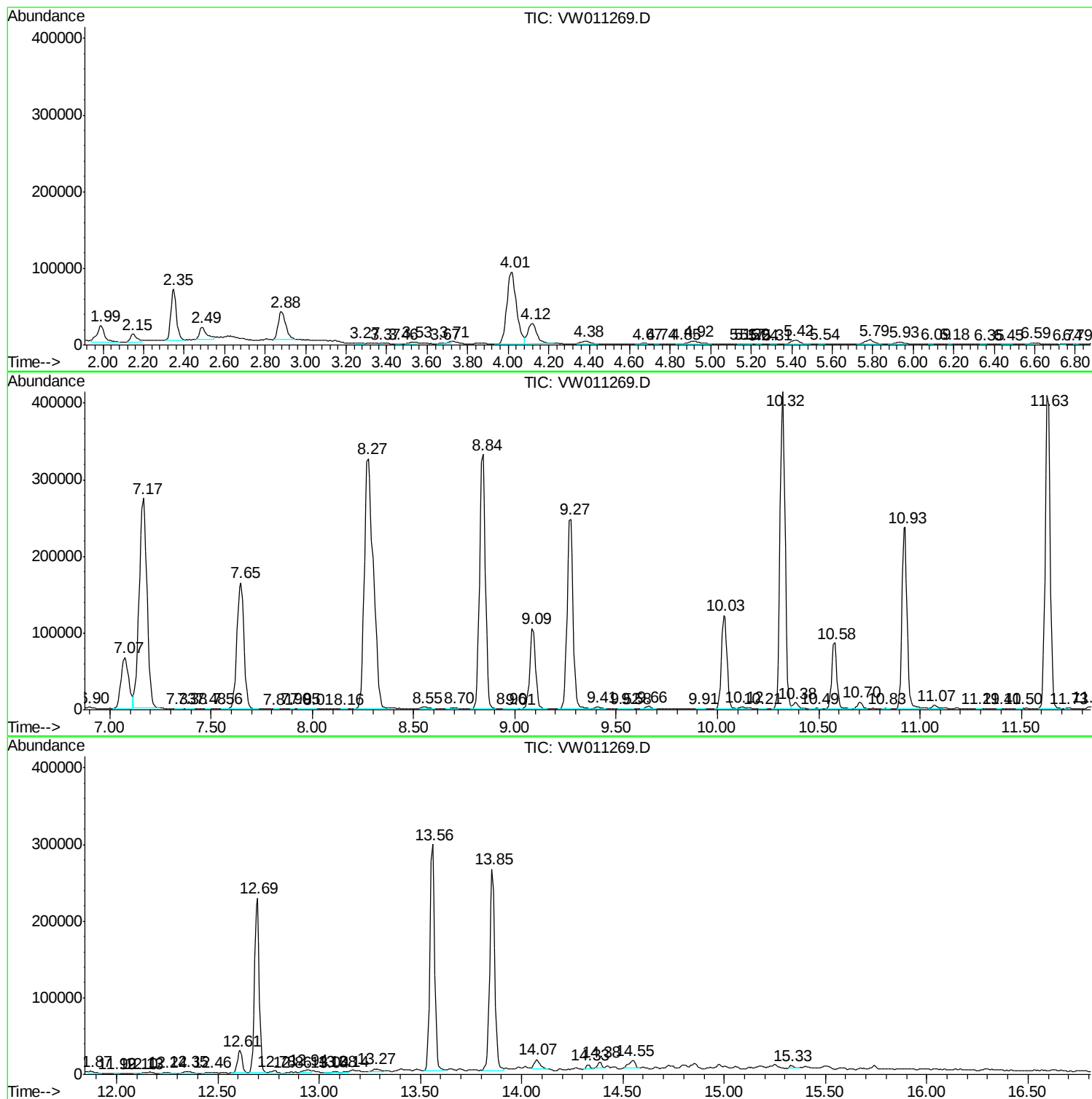
Sum of corrected areas: 8345256

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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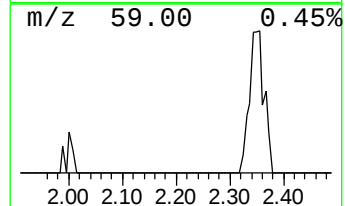
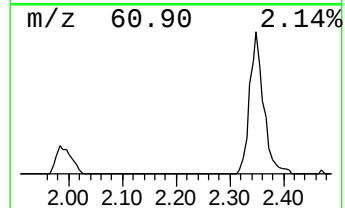
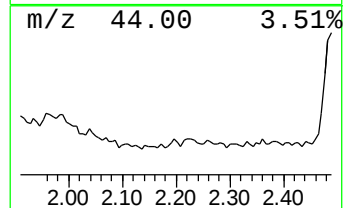
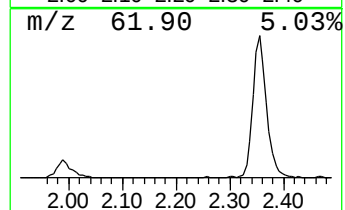
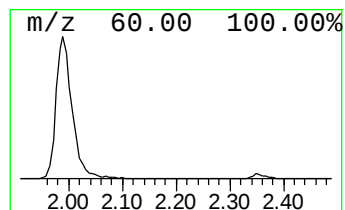
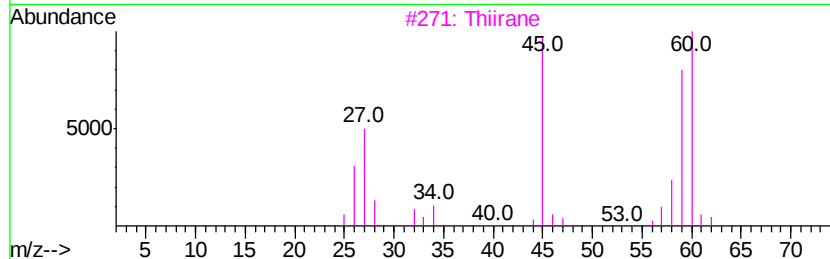
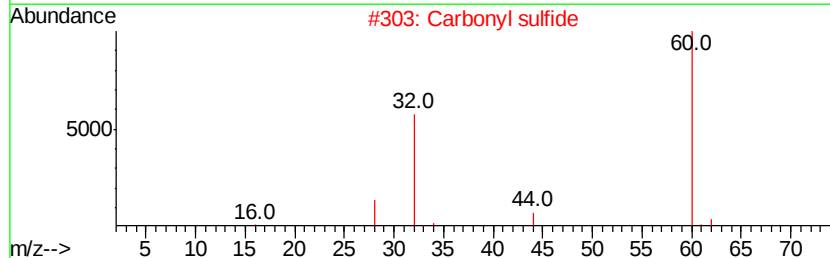
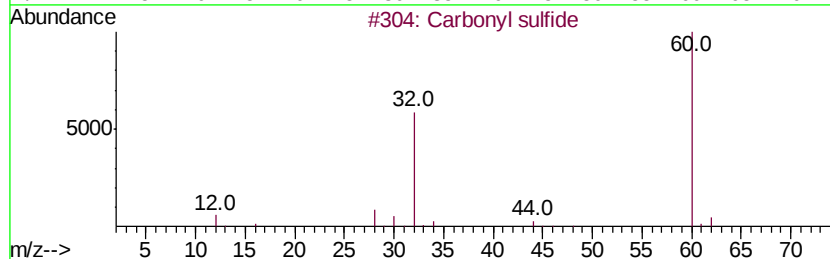
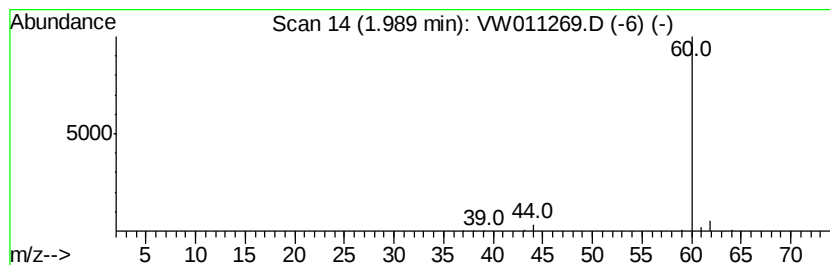
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	2.14 ug/L	56780	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonyl sulfide	60	COS	000463-58-1	9
2		Carbonyl sulfide	60	COS	000463-58-1	5
3		Thiirane	60	C2H4S	000420-12-2	5
4		Methyl formate	60	C2H4O2	000107-31-3	4
5		Methyl formate	60	C2H4O2	000107-31-3	4



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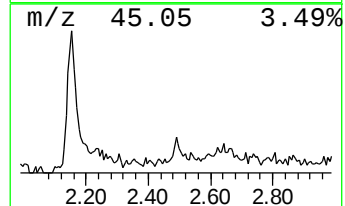
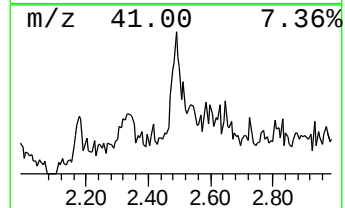
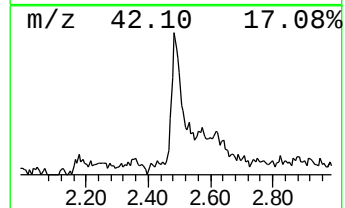
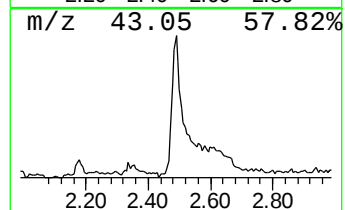
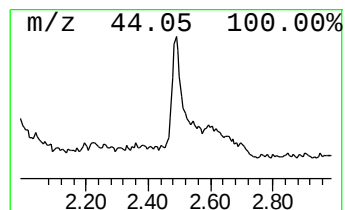
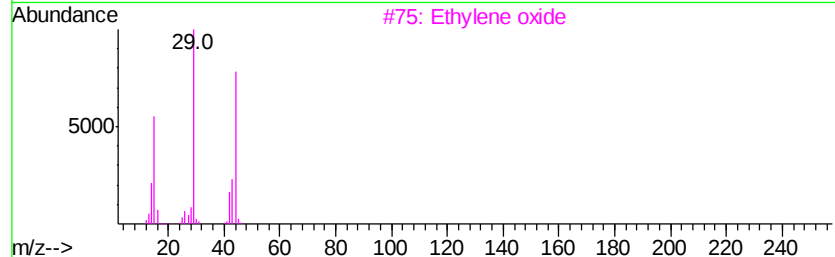
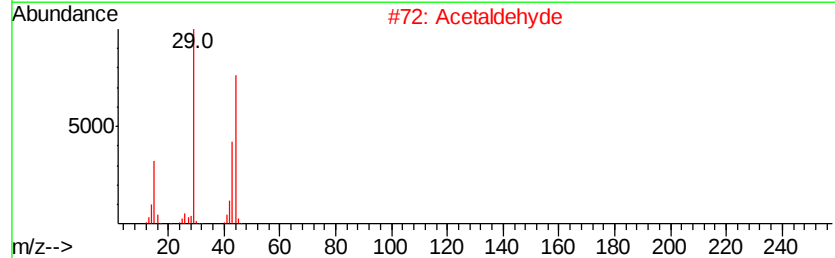
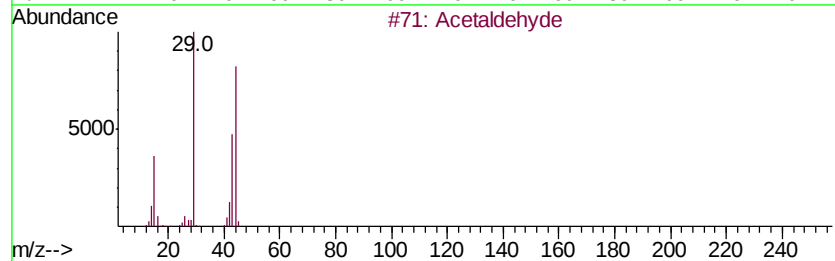
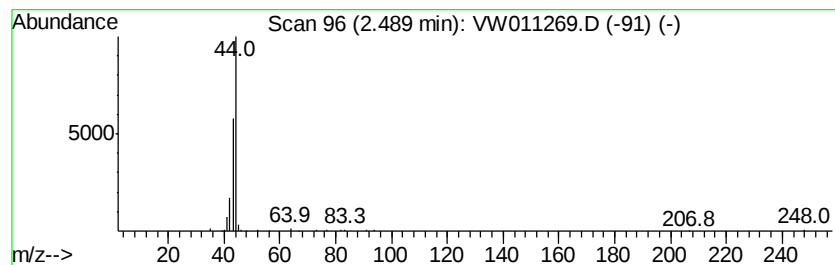
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Quant Title : VOC Analysis

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

Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	1.37 ug/L	36285	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetaldehyd	44	C2H4O	000075-07-0	72
2		Acetaldehyd	44	C2H4O	000075-07-0	72
3		Ethylene oxide	44	C2H4O	000075-21-8	9
4		sec-Butylamine	73	C4H11N	013952-84-6	7
5		Propane	44	C3H8	000074-98-6	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.99	2.1	ug/L	56780	1	8.84	662183	25.0
Acetaldehyde	2.49	1.4	ug/L	36285	1	8.84	662183	25.0