

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015453.D
 Acq On : 22 May 2020 15:52
 Operator : SY/VA
 Sample : L2754-01
 Misc : 14.96G/10.0mL/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAX91

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\SOM2WLM050420S.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	2.160	36	42	50	rBV	19241	52620	5.19%	0.560%
2	2.355	69	74	84	rVB	37520	70784	6.98%	0.753%
3	2.495	92	97	106	rBV	15918	36286	3.58%	0.386%
4	2.891	155	162	174	rBV	44429	110707	10.91%	1.177%
5	4.013	335	346	358	rBV	84813	265008	26.13%	2.818%
6	4.123	360	364	374	rVB2	6885	16737	1.65%	0.178%
7	4.397	401	409	417	rVV5	1423	4434	0.44%	0.047%
8	4.915	485	494	508	rBV5	2943	11212	1.11%	0.119%
9	5.013	508	510	517	rVB3	665	990	0.10%	0.011%
10	5.135	520	530	533	rBV5	836	3078	0.30%	0.033%
11	5.287	551	555	559	rBV	282	421	0.04%	0.004%
12	5.787	627	637	647	rBV4	1469	5488	0.54%	0.058%
13	5.940	655	662	671	rVB7	1430	4284	0.42%	0.046%
14	6.104	684	689	690	rBV3	395	502	0.05%	0.005%
15	6.269	710	716	723	rVB3	529	1492	0.15%	0.016%
16	6.897	809	819	820	rBV	1030	1726	0.17%	0.018%
17	6.982	829	833	838	rVB4	618	1055	0.10%	0.011%
18	7.080	838	849	857	rBV	59541	163906	16.16%	1.743%
19	7.257	869	878	891	rVB	95354	239810	23.64%	2.551%
20	7.519	919	921	926	rVB3	266	391	0.04%	0.004%
21	7.647	931	942	957	rVB	168813	413814	40.80%	4.401%
22	7.958	982	993	1002	rBV6	2103	6432	0.63%	0.068%
23	8.153	1022	1025	1027	rBV3	388	513	0.05%	0.005%
24	8.275	1035	1045	1062	rBV2	321208	1014333	100.00%	10.788%
25	8.549	1085	1090	1098	rBV4	1555	3618	0.36%	0.038%
26	8.628	1101	1103	1107	rBV2	300	360	0.04%	0.004%
27	8.707	1107	1116	1126	rVB5	2669	7701	0.76%	0.082%
28	8.842	1129	1138	1149	rBV	416912	826245	81.46%	8.788%
29	9.037	1164	1170	1172	rBV4	1077	1987	0.20%	0.021%
30	9.085	1172	1178	1185	rVB6	2535	6314	0.62%	0.067%
31	9.274	1199	1209	1219	rBV	244474	486448	47.96%	5.174%
32	9.415	1226	1232	1239	rVB4	1614	3330	0.33%	0.035%
33	9.598	1259	1262	1263	rBV3	387	423	0.04%	0.004%
34	9.659	1265	1272	1279	rVB3	4132	7497	0.74%	0.080%

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 Title : VOC Analysis

35	10.036	1324	1334	1342	rBV	142372	254874	25.13%	2.711%
36	10.122	1342	1348	1351	rBV2	2002	3543	0.35%	0.038%
37	10.244	1366	1368	1372	rVB4	382	539	0.05%	0.006%
38	10.323	1372	1381	1388	rBV	470144	831762	82.00%	8.846%
39	10.390	1388	1392	1402	rVB	24383	43421	4.28%	0.462%
40	10.469	1402	1405	1406	rBV	299	345	0.03%	0.004%
41	10.500	1407	1410	1415	rVB4	1198	1856	0.18%	0.020%
42	10.579	1415	1423	1431	rBV	99055	172142	16.97%	1.831%
43	10.634	1431	1432	1437	rVB3	558	527	0.05%	0.006%
44	10.707	1437	1444	1451	rBV	22642	40036	3.95%	0.426%
45	10.805	1458	1460	1463	rVB	475	378	0.04%	0.004%
46	10.860	1463	1469	1474	rBV	25788	46747	4.61%	0.497%
47	10.927	1474	1480	1497	rVV	240753	399783	39.41%	4.252%
48	11.073	1498	1504	1512	rVB3	7176	12640	1.25%	0.134%
49	11.177	1517	1521	1523	rBV	792	1042	0.10%	0.011%
50	11.353	1542	1550	1553	rBV4	279	673	0.07%	0.007%
51	11.408	1554	1559	1564	rVB2	972	1382	0.14%	0.015%
52	11.634	1587	1596	1605	rBV	569820	987736	97.38%	10.505%
53	11.841	1624	1630	1634	rBV2	2468	4942	0.49%	0.053%
54	11.890	1634	1638	1645	rVB5	1477	3126	0.31%	0.033%
55	11.939	1645	1646	1652	rVB4	392	563	0.06%	0.006%
56	12.018	1656	1659	1661	rBV3	269	369	0.04%	0.004%
57	12.097	1666	1672	1675	rBV6	582	1237	0.12%	0.013%
58	12.170	1679	1684	1690	rVB5	1390	2330	0.23%	0.025%
59	12.237	1691	1695	1699	rBV3	785	1147	0.11%	0.012%
60	12.341	1704	1712	1717	rBV2	2359	4473	0.44%	0.048%
61	12.463	1730	1732	1736	rVB3	874	935	0.09%	0.010%
62	12.506	1736	1739	1740	rBV3	412	532	0.05%	0.006%
63	12.609	1747	1756	1763	rVB	377524	614040	60.54%	6.531%
64	12.695	1763	1770	1777	rBV	255028	420769	41.48%	4.475%
65	12.756	1778	1780	1785	rVB2	1806	2468	0.24%	0.026%
66	12.865	1795	1798	1799	rBV2	1150	1148	0.11%	0.012%
67	12.884	1799	1801	1805	rVV2	1287	2133	0.21%	0.023%
68	12.938	1805	1810	1820	rVB6	2399	6048	0.60%	0.064%
69	13.097	1831	1836	1837	rBV3	399	586	0.06%	0.006%
70	13.194	1845	1852	1855	rVB2	1018	1907	0.19%	0.020%
71	13.255	1857	1862	1864	rBV2	2585	4184	0.41%	0.044%

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72	13.402	1879	1886	1893	rBV5	4075	8434	0.83%	0.090%
73	13.475	1893	1898	1900	rBV6	925	1535	0.15%	0.016%
74	13.511	1900	1904	1905	rVV2	1074	1701	0.17%	0.018%
75	13.560	1905	1912	1919	rVV	542962	882563	87.01%	9.387%
76	13.652	1922	1927	1936	rVB2	6713	11639	1.15%	0.124%
77	13.761	1941	1945	1947	rBV4	1009	1256	0.12%	0.013%
78	13.853	1953	1960	1967	rBV	407806	660169	65.08%	7.021%
79	13.950	1974	1976	1979	rVB3	668	596	0.06%	0.006%
80	14.072	1984	1996	2003	rVB2	67680	111610	11.00%	1.187%
81	14.194	2010	2016	2020	rBV5	591	972	0.10%	0.010%
82	14.328	2033	2038	2044	rVV3	7518	11831	1.17%	0.126%
83	14.505	2065	2067	2069	rVV3	726	925	0.09%	0.010%
84	14.523	2069	2070	2075	rVV3	1207	1289	0.13%	0.014%
85	14.615	2080	2085	2087	rBV4	331	555	0.05%	0.006%
86	14.700	2094	2099	2100	rBV3	589	1025	0.10%	0.011%
87	14.725	2100	2103	2106	rVB4	1199	1521	0.15%	0.016%
88	15.090	2158	2163	2165	rVB4	401	622	0.06%	0.007%
89	15.139	2169	2171	2174	rVV3	391	438	0.04%	0.005%
90	15.188	2174	2179	2185	rVV8	1373	2640	0.26%	0.028%
91	15.365	2204	2208	2209	rBV3	889	1216	0.12%	0.013%
92	15.493	2222	2229	2236	rBV	29850	52391	5.17%	0.557%
93	15.548	2236	2238	2240	rBV3	473	418	0.04%	0.004%
94	15.670	2255	2258	2259	rBV3	604	618	0.06%	0.007%
95	15.804	2278	2280	2283	rVB3	1220	1086	0.11%	0.012%
96	15.956	2303	2305	2308	rBV4	875	1061	0.10%	0.011%
97	16.127	2332	2333	2336	rVB3	597	409	0.04%	0.004%
98	16.377	2370	2374	2375	rBV4	567	666	0.07%	0.007%
99	16.621	2413	2414	2416	rBV2	672	494	0.05%	0.005%
100	16.645	2416	2418	2422	rVV3	414	477	0.05%	0.005%

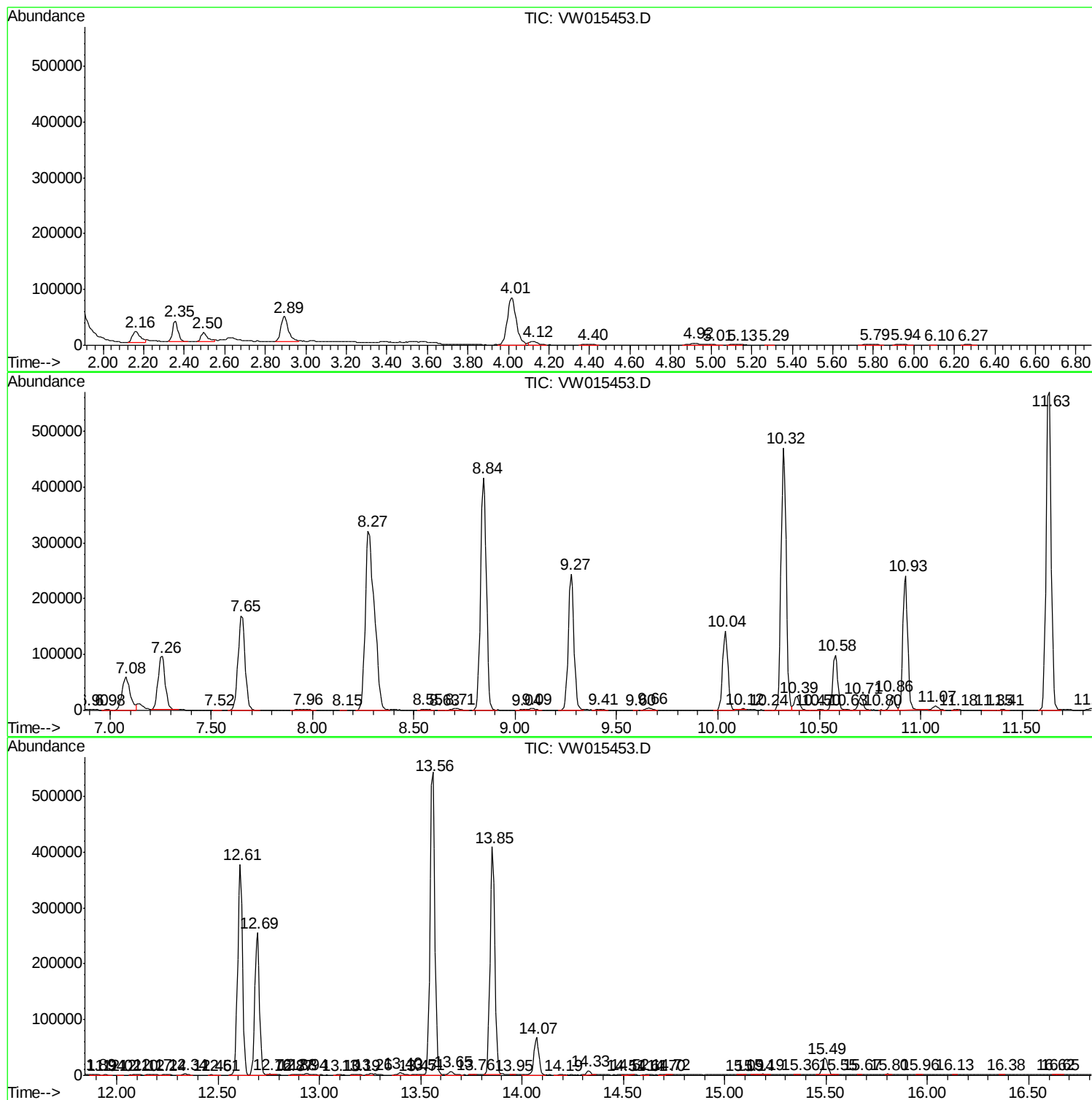
Sum of corrected areas: 9402466

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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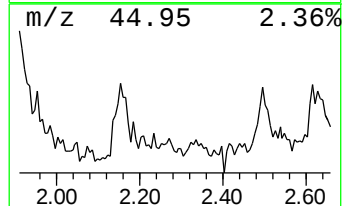
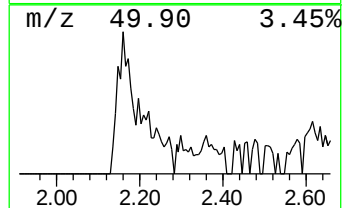
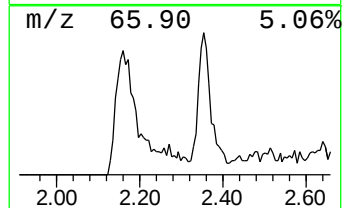
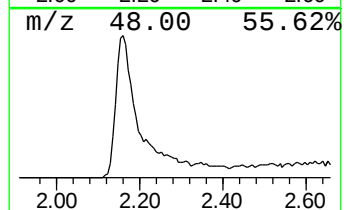
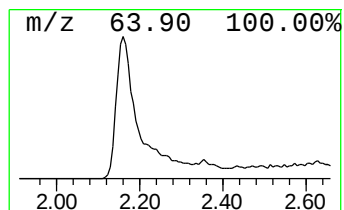
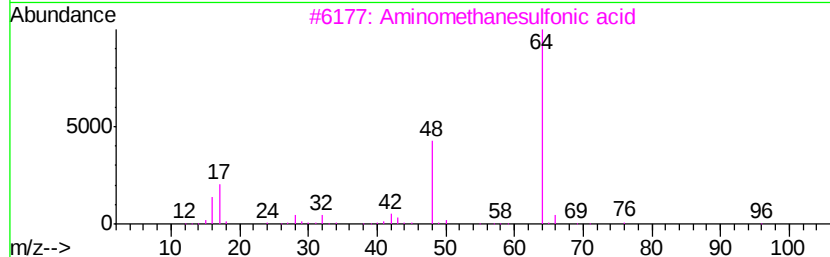
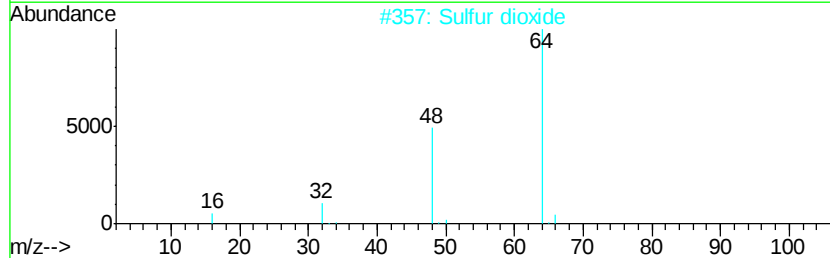
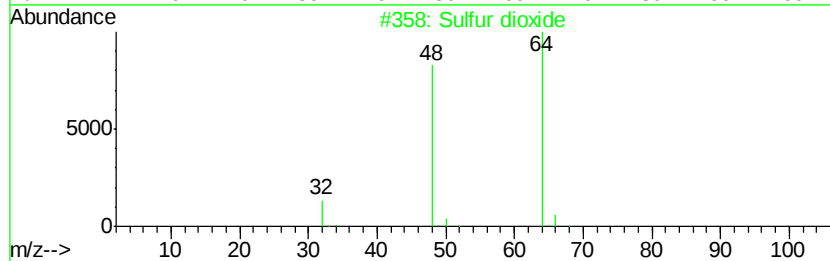
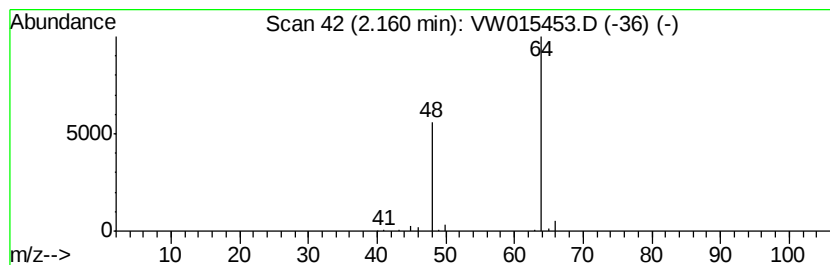
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	1.59 ug/L	52620	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Sulfur dioxide	64	O2S	007446-09-5	83
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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Instrument :
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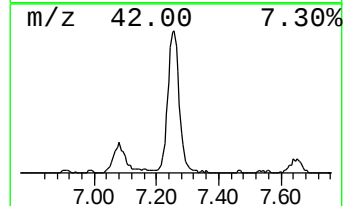
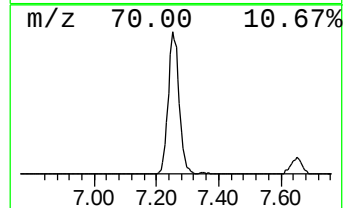
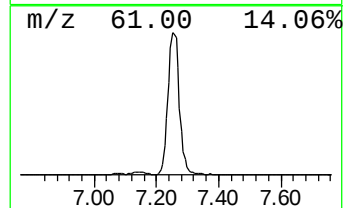
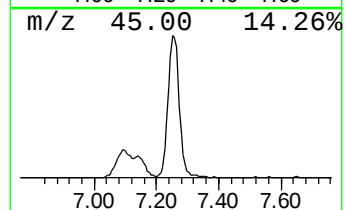
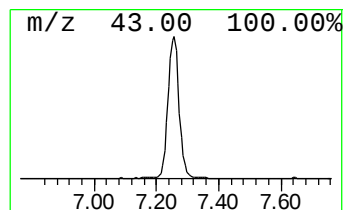
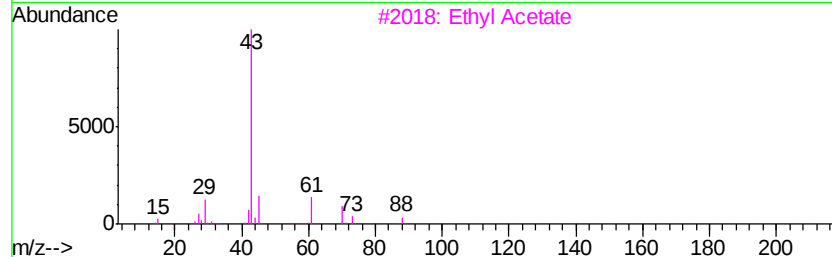
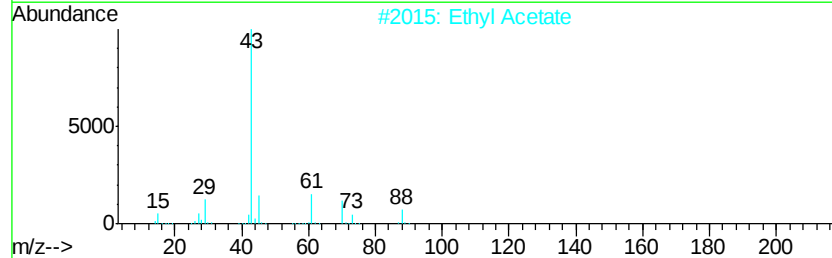
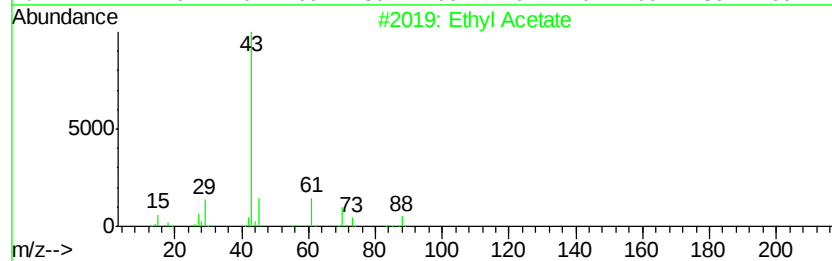
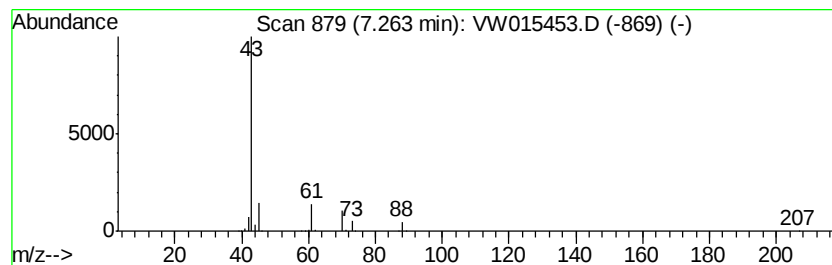
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Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	7.26 ug/L	239810	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	86
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.16	1.6	ug/L	52620	1	8.84	826245	25.0
Ethyl Acetate	7.26	7.3	ug/L	239810	1	8.84	826245	25.0