

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013839.D
 Acq On : 30 Oct 2019 15:59
 Operator : SY/VA
 Sample : K5596-01
 Misc : 4.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA2

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\SOM2WLM101819S.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	2.355	68	74	85	rVB	72590	141197	13.17%	1.678%
2	2.495	92	97	106	rBV2	21238	50002	4.66%	0.594%
3	2.885	155	161	172	rBV	49575	118840	11.09%	1.413%
4	3.276	224	225	227	rBV	424	349	0.03%	0.004%
5	3.343	232	236	237	rBV2	363	391	0.04%	0.005%
6	3.361	237	239	240	rBV	567	440	0.04%	0.005%
7	3.471	253	257	258	rBV3	305	330	0.03%	0.004%
8	3.544	263	269	277	rVB4	2075	5190	0.48%	0.062%
9	3.660	287	288	290	rBV2	407	338	0.03%	0.004%
10	3.751	301	303	306	rBV2	427	493	0.05%	0.006%
11	4.019	335	347	358	rBV	116002	380473	35.49%	4.523%
12	4.391	401	408	419	rVV2	3837	10149	0.95%	0.121%
13	4.672	447	454	459	rBV3	1875	3973	0.37%	0.047%
14	4.855	481	484	485	rBV2	405	316	0.03%	0.004%
15	4.934	485	497	509	rVV5	5697	22885	2.13%	0.272%
16	5.117	525	527	530	rVV	304	295	0.03%	0.004%
17	5.251	547	549	552	rVB3	259	286	0.03%	0.003%
18	5.379	568	570	573	rBV2	343	368	0.03%	0.004%
19	5.440	578	580	583	rVB	374	324	0.03%	0.004%
20	5.665	615	617	621	rVB2	268	286	0.03%	0.003%
21	5.696	621	622	626	rBV2	281	339	0.03%	0.004%
22	5.787	629	637	649	rVB3	4132	14110	1.32%	0.168%
23	5.940	651	662	672	rVB5	6955	21787	2.03%	0.259%
24	6.092	681	687	688	rBV	429	381	0.04%	0.005%
25	6.281	716	718	725	rVB2	401	691	0.06%	0.008%
26	6.897	811	819	827	rBV2	6053	15791	1.47%	0.188%
27	7.074	839	848	857	rBV2	36015	105497	9.84%	1.254%
28	7.250	870	877	893	rVB	61934	157154	14.66%	1.868%
29	7.574	928	930	932	rBV	248	316	0.03%	0.004%
30	7.647	932	942	958	rVB	170996	432559	40.35%	5.142%
31	7.909	981	985	986	rBV	479	575	0.05%	0.007%
32	8.061	1008	1010	1012	rVB2	451	358	0.03%	0.004%
33	8.275	1034	1045	1062	rBV2	359779	1071917	100.00%	12.742%
34	8.506	1081	1083	1084	rBV2	394	380	0.04%	0.005%

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35	8.555	1084	1091	1097	rVV5	5554	11485	1.07%	0.137%
36	8.701	1108	1115	1127	rBV3	6816	16076	1.50%	0.191%
37	8.842	1129	1138	1148	rBV	329530	651504	60.78%	7.745%
38	9.037	1164	1170	1175	rBV4	2613	6693	0.62%	0.080%
39	9.146	1186	1188	1190	rBV2	446	311	0.03%	0.004%
40	9.274	1200	1209	1225	rVV	243405	496893	46.36%	5.907%
41	9.409	1225	1231	1242	rVB2	9997	19310	1.80%	0.230%
42	9.652	1266	1271	1276	rBV4	2368	4295	0.40%	0.051%
43	9.811	1295	1297	1298	rBV2	306	268	0.03%	0.003%
44	9.957	1319	1321	1323	rVB3	303	269	0.03%	0.003%
45	10.030	1327	1333	1345	rBV	131999	242412	22.61%	2.882%
46	10.122	1345	1348	1349	rBV3	622	688	0.06%	0.008%
47	10.158	1350	1354	1361	rVB4	4936	9402	0.88%	0.112%
48	10.219	1361	1364	1365	rBV	376	365	0.03%	0.004%
49	10.238	1365	1367	1371	rVB2	356	378	0.04%	0.004%
50	10.323	1373	1381	1388	rBV	531183	914001	85.27%	10.865%
51	10.506	1406	1411	1415	rVB5	2646	3975	0.37%	0.047%
52	10.573	1416	1422	1429	rBV	87351	153171	14.29%	1.821%
53	10.707	1437	1444	1449	rBV	20929	37839	3.53%	0.450%
54	10.786	1455	1457	1460	rBV2	374	371	0.03%	0.004%
55	10.817	1460	1462	1466	rVV2	259	273	0.03%	0.003%
56	10.866	1466	1470	1472	rVV3	1192	2057	0.19%	0.024%
57	10.920	1472	1479	1494	rVV	142953	251832	23.49%	2.994%
58	11.073	1498	1504	1515	rVB2	14989	27808	2.59%	0.331%
59	11.170	1517	1520	1521	rBV	356	307	0.03%	0.004%
60	11.219	1526	1528	1530	rVB3	607	507	0.05%	0.006%
61	11.628	1588	1595	1607	rVV	476024	793987	74.07%	9.438%
62	11.725	1607	1611	1618	rVB5	1645	2710	0.25%	0.032%
63	11.835	1624	1629	1638	rBV6	4208	9280	0.87%	0.110%
64	11.939	1644	1646	1655	rVB6	3025	4873	0.45%	0.058%
65	12.000	1655	1656	1658	rBV2	509	351	0.03%	0.004%
66	12.164	1679	1683	1690	rBV4	1253	2027	0.19%	0.024%
67	12.231	1690	1694	1701	rBV5	2550	4494	0.42%	0.053%
68	12.335	1706	1711	1716	rBV3	7745	13156	1.23%	0.156%
69	12.463	1729	1732	1737	rVB3	991	1278	0.12%	0.015%
70	12.609	1745	1756	1763	rBV	103675	174846	16.31%	2.078%
71	12.688	1763	1769	1777	rBV	204462	333312	31.09%	3.962%

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72	12.749	1777	1779	1781	rBV3	621	673	0.06%	0.008%
73	12.859	1794	1797	1800	rBV2	438	443	0.04%	0.005%
74	12.896	1800	1803	1804	rBV2	419	378	0.04%	0.004%
75	12.938	1804	1810	1814	rBV4	6044	10673	1.00%	0.127%
76	13.054	1824	1829	1831	rBV2	1477	1879	0.18%	0.022%
77	13.134	1838	1842	1844	rBV2	619	578	0.05%	0.007%
78	13.152	1844	1845	1847	rVB2	478	304	0.03%	0.004%
79	13.188	1849	1851	1855	rVB3	318	355	0.03%	0.004%
80	13.274	1855	1865	1877	rVB2	20291	43494	4.06%	0.517%
81	13.359	1877	1879	1880	rBV2	393	396	0.04%	0.005%
82	13.396	1880	1885	1890	rVB3	7589	11762	1.10%	0.140%
83	13.463	1893	1896	1899	rBV4	665	1048	0.10%	0.012%
84	13.499	1899	1902	1905	rVV3	866	981	0.09%	0.012%
85	13.554	1905	1911	1921	rVV	489623	792823	73.96%	9.425%
86	13.646	1921	1926	1933	rVB	11907	18514	1.73%	0.220%
87	13.853	1952	1960	1972	rBV	393441	645701	60.24%	7.676%
88	14.072	1990	1996	2003	rVB2	54672	91228	8.51%	1.084%
89	14.139	2005	2007	2009	rVB	464	285	0.03%	0.003%
90	14.219	2019	2020	2024	rVB3	1043	868	0.08%	0.010%
91	14.328	2031	2038	2045	rVB6	5204	9319	0.87%	0.111%
92	14.444	2055	2057	2059	rBV3	764	575	0.05%	0.007%
93	14.627	2082	2087	2092	rBV4	2687	3895	0.36%	0.046%
94	15.066	2156	2159	2160	rBV3	785	875	0.08%	0.010%
95	15.176	2175	2177	2180	rBV3	1029	1334	0.12%	0.016%
96	15.279	2192	2194	2196	rBV2	640	605	0.06%	0.007%
97	15.444	2219	2221	2223	rBV2	695	799	0.07%	0.009%
98	15.493	2224	2229	2235	rVB	11112	19504	1.82%	0.232%
99	15.853	2286	2288	2293	rBV2	899	968	0.09%	0.012%
100	16.767	2436	2438	2439	rVB	1138	498	0.05%	0.006%

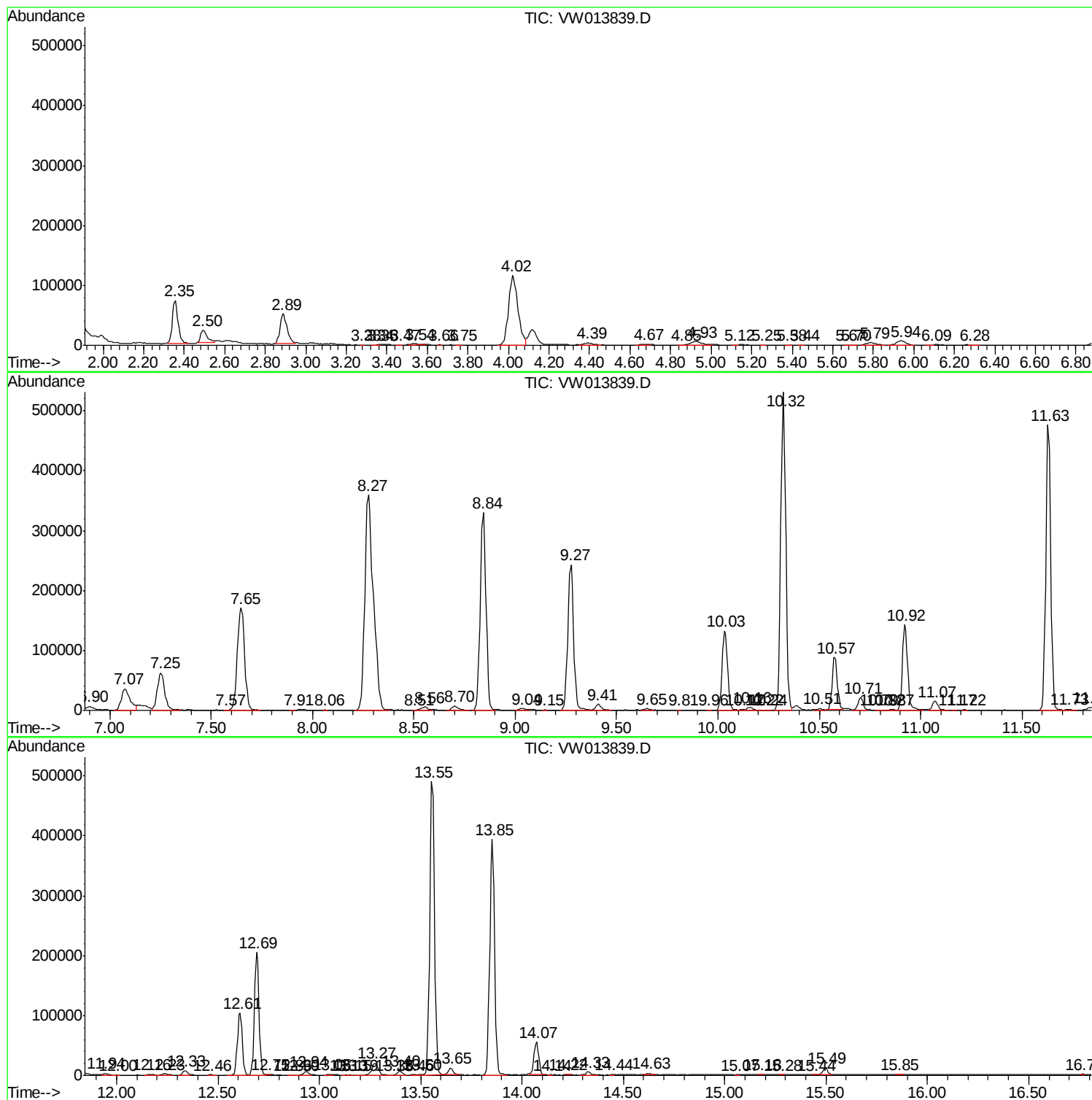
Sum of corrected areas: 8412339

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TIC Library : C:\DATABASE\NIST11.L
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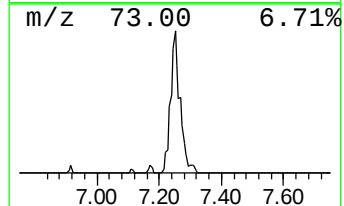
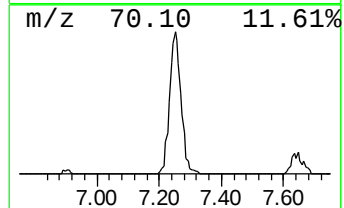
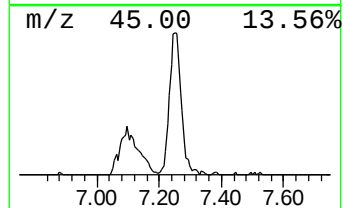
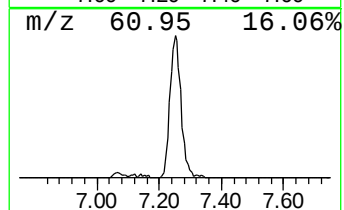
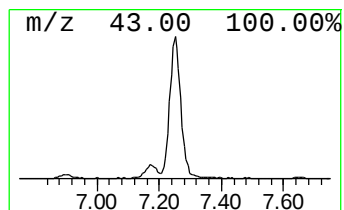
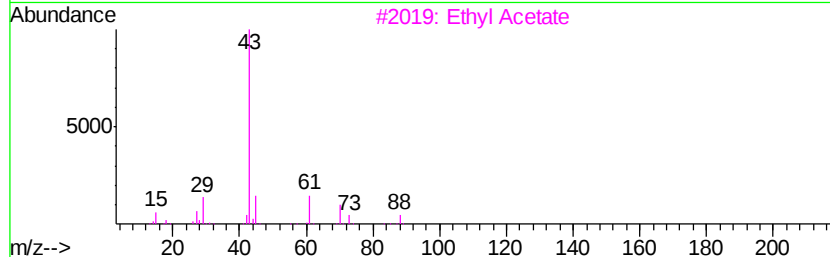
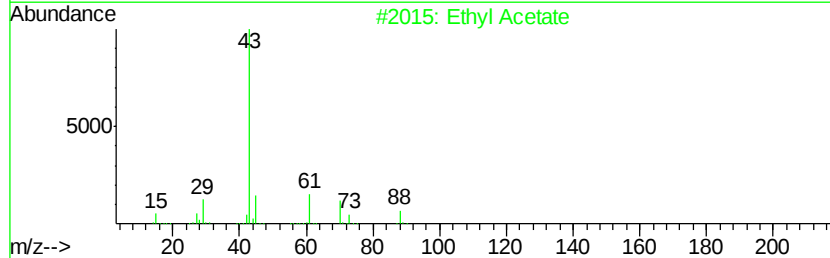
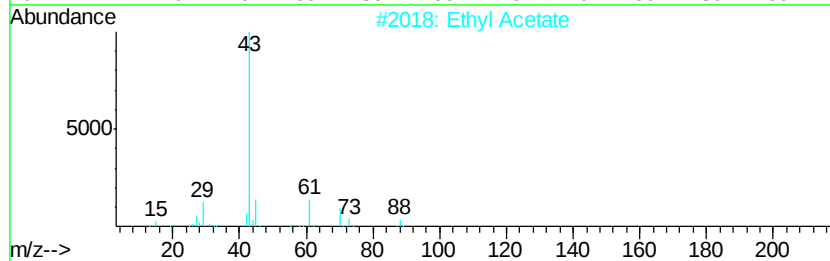
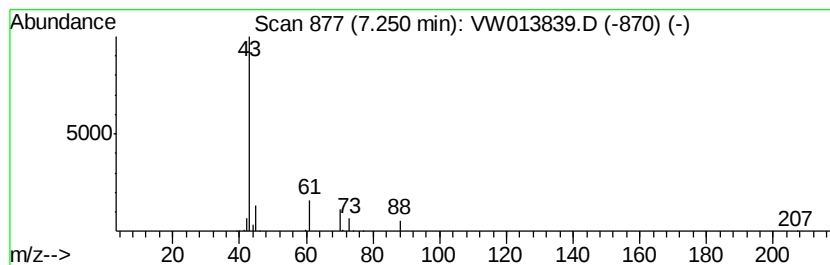
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	6.03 ug/L	157154	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	90
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38



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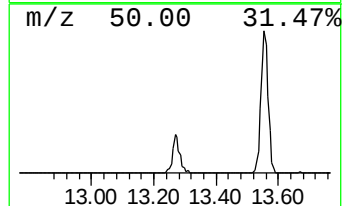
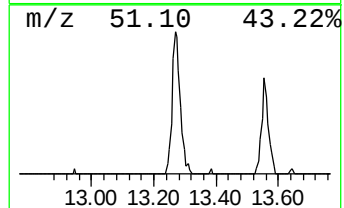
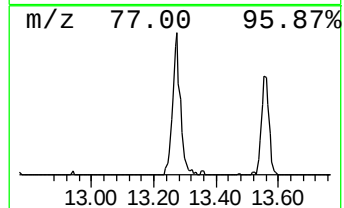
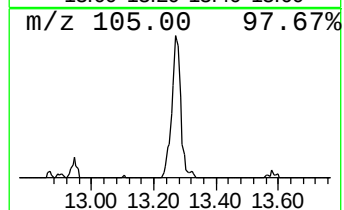
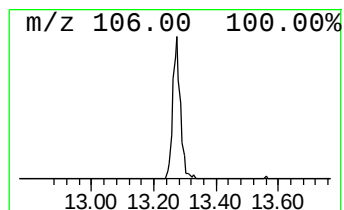
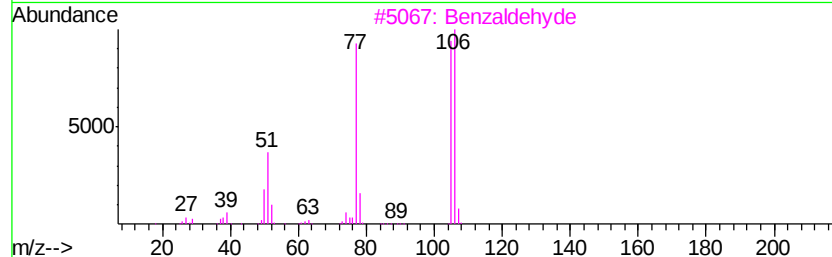
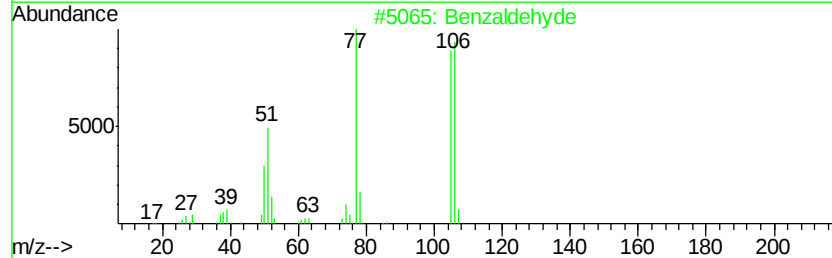
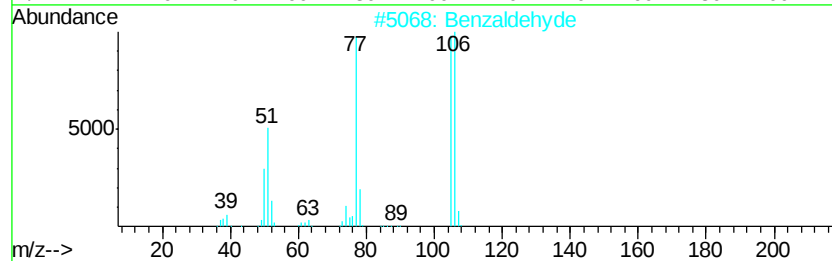
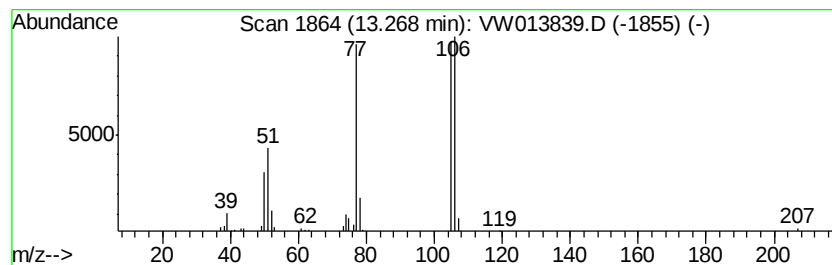
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Peak Number 5 Benzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	1.37 ug/L	43494	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde	106	C7H6O	000100-52-7	93
2		Benzaldehyde	106	C7H6O	000100-52-7	93
3		Benzaldehyde	106	C7H6O	000100-52-7	90
4		Benzaldehyde	106	C7H6O	000100-52-7	90
5		1,3,2-Dioxaphosphorinane-2-metha...	228	C10H13O4P	093786-70-0	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	7.25	6.0	ug/L	157154	1	8.84	651504	25.0
Benzaldehyde	13.27	1.4	ug/L	43494	3	13.56	792823	25.0