

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016648.D
 Acq On : 24 Sep 2020 19:11
 Operator : SY/VA
 Sample : VIBLK11
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

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\SOM2WLM091520S.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	2.367	69	76	88	rVB	61557	129128	9.04%	1.072%
2	2.910	157	165	180	rVB2	43620	125346	8.78%	1.041%
3	3.397	241	245	252	rVB6	2279	4843	0.34%	0.040%
4	4.031	337	349	367	rBV	124417	395237	27.68%	3.282%
5	4.922	485	495	518	rVV3	25901	95024	6.65%	0.789%
6	5.074	518	520	524	rVB2	424	609	0.04%	0.005%
7	5.232	542	546	548	rVB3	427	545	0.04%	0.005%
8	5.446	573	581	586	rBV7	1387	4018	0.28%	0.033%
9	5.763	626	633	634	rBV3	1602	2868	0.20%	0.024%
10	5.946	654	663	676	rVV3	9059	27160	1.90%	0.226%
11	6.068	680	683	686	rBV	287	480	0.03%	0.004%
12	6.933	819	825	827	rBV2	840	1083	0.08%	0.009%
13	7.013	836	838	842	rVB2	642	782	0.05%	0.006%
14	7.092	842	851	853	rBV	31978	69189	4.85%	0.574%
15	7.147	854	860	874	rVB	88381	253791	17.77%	2.107%
16	7.342	890	892	893	rBV2	616	496	0.03%	0.004%
17	7.513	917	920	922	rBV2	628	567	0.04%	0.005%
18	7.653	933	943	956	rBV	223688	545374	38.19%	4.528%
19	7.866	976	978	980	rBV3	541	701	0.05%	0.006%
20	7.958	985	993	1004	rVB5	2016	4687	0.33%	0.039%
21	8.079	1011	1013	1016	rVB3	793	725	0.05%	0.006%
22	8.281	1033	1046	1063	rBV3	439680	1398614	97.94%	11.612%
23	8.634	1100	1104	1107	rVB	593	734	0.05%	0.006%
24	8.695	1112	1114	1117	rBV3	756	820	0.06%	0.007%
25	8.848	1129	1139	1155	rBV	622071	1225007	85.78%	10.171%
26	9.091	1173	1179	1185	rVB6	2092	5046	0.35%	0.042%
27	9.280	1200	1210	1221	rBV	269185	549547	38.48%	4.563%
28	9.665	1267	1273	1280	rVB6	1210	2161	0.15%	0.018%
29	9.762	1284	1289	1296	rVB5	1203	2460	0.17%	0.020%
30	9.890	1303	1310	1317	rBV4	2943	6356	0.45%	0.053%
31	9.957	1319	1321	1323	rBV2	430	526	0.04%	0.004%
32	10.036	1323	1334	1345	rBV	152735	283995	19.89%	2.358%
33	10.207	1357	1362	1363	rBV3	1156	1460	0.10%	0.012%
34	10.250	1367	1369	1374	rVV3	1511	2140	0.15%	0.018%

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35	10.329	1374	1382	1389	rVV	560407	985737	69.03%	8.184%
36	10.390	1389	1392	1399	rVB2	5543	10065	0.70%	0.084%
37	10.512	1408	1412	1417	rVV4	748	1243	0.09%	0.010%
38	10.579	1417	1423	1434	rVV	94895	171049	11.98%	1.420%
39	10.652	1434	1435	1437	rVV	1030	679	0.05%	0.006%
40	10.707	1437	1444	1452	rVV	111331	200046	14.01%	1.661%
41	10.774	1452	1455	1462	rVB5	1541	2731	0.19%	0.023%
42	10.847	1462	1467	1473	rBV6	3848	7373	0.52%	0.061%
43	10.927	1474	1480	1496	rVV	124657	213615	14.96%	1.774%
44	11.067	1496	1503	1513	rVV2	61714	108890	7.63%	0.904%
45	11.176	1516	1521	1529	rVV3	6457	12130	0.85%	0.101%
46	11.341	1545	1548	1552	rVV3	939	987	0.07%	0.008%
47	11.445	1553	1565	1572	rVB	27923	52115	3.65%	0.433%
48	11.554	1580	1583	1586	rVB3	522	649	0.05%	0.005%
49	11.634	1586	1596	1608	rBV	827312	1405345	98.41%	11.668%
50	11.731	1608	1612	1618	rVB2	3541	6162	0.43%	0.051%
51	11.841	1623	1630	1639	rBV3	9370	17998	1.26%	0.149%
52	11.987	1651	1654	1658	rVV3	434	632	0.04%	0.005%
53	12.067	1665	1667	1671	rVB3	633	571	0.04%	0.005%
54	12.170	1673	1684	1693	rBV4	6206	12479	0.87%	0.104%
55	12.256	1693	1698	1701	rBV5	790	1216	0.09%	0.010%
56	12.347	1710	1713	1716	rBV3	922	788	0.06%	0.007%
57	12.420	1723	1725	1727	rVB3	642	479	0.03%	0.004%
58	12.469	1727	1733	1740	rBV4	7221	13415	0.94%	0.111%
59	12.548	1743	1746	1748	rVV4	1014	1568	0.11%	0.013%
60	12.609	1750	1756	1762	rVV	94221	155084	10.86%	1.288%
61	12.695	1762	1770	1778	rVB	224794	367354	25.72%	3.050%
62	12.810	1784	1789	1792	rVB2	11022	16696	1.17%	0.139%
63	12.871	1792	1799	1802	rBV	34927	60354	4.23%	0.501%
64	12.902	1802	1804	1807	rVV	18057	24896	1.74%	0.207%
65	12.944	1807	1811	1821	rVB2	29764	55749	3.90%	0.463%
66	13.036	1821	1826	1830	rBV2	6341	8182	0.57%	0.068%
67	13.109	1830	1838	1844	rVB	14670	27035	1.89%	0.224%
68	13.164	1844	1847	1849	rBV3	1663	2194	0.15%	0.018%
69	13.255	1855	1862	1866	rBV	69913	113609	7.96%	0.943%
70	13.298	1866	1869	1875	rVB2	12230	17835	1.25%	0.148%
71	13.371	1877	1881	1885	rBV7	1550	3055	0.21%	0.025%

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72	13.444	1891	1893	1895	rBV3	1760	2190	0.15%	0.018%
73	13.560	1905	1912	1931	rVB	855405	1428010	100.00%	11.856%
74	13.719	1935	1938	1939	rBV	4546	4400	0.31%	0.037%
75	13.755	1940	1944	1947	rVV2	14602	24280	1.70%	0.202%
76	13.792	1947	1950	1954	rVV3	17015	28337	1.98%	0.235%
77	13.853	1954	1960	1968	rVB	595295	981231	68.71%	8.147%
78	13.950	1973	1976	1981	rVB3	6154	9612	0.67%	0.080%
79	14.017	1982	1987	1989	rBV2	10330	18222	1.28%	0.151%
80	14.042	1989	1991	1992	rBV	5368	4338	0.30%	0.036%
81	14.072	1992	1996	1999	rBV	25362	39062	2.74%	0.324%
82	14.200	2012	2017	2022	rBV7	7117	11777	0.82%	0.098%
83	14.334	2032	2039	2045	rBV6	7826	16943	1.19%	0.141%
84	14.420	2049	2053	2056	rVV2	16506	27592	1.93%	0.229%
85	14.456	2056	2059	2064	rVV	23012	36049	2.52%	0.299%
86	14.505	2064	2067	2070	rVV4	4748	7007	0.49%	0.058%
87	14.542	2070	2073	2079	rVB4	4077	5976	0.42%	0.050%
88	14.633	2085	2088	2092	rVB5	2532	3606	0.25%	0.030%
89	14.694	2093	2098	2100	rBV3	5873	9398	0.66%	0.078%
90	14.725	2100	2103	2109	rVB4	12139	18511	1.30%	0.154%
91	14.792	2109	2114	2121	rBV3	14250	34326	2.40%	0.285%
92	14.950	2138	2140	2141	rBV2	983	781	0.05%	0.006%
93	15.066	2155	2159	2166	rBV3	5537	13680	0.96%	0.114%
94	15.133	2167	2170	2173	rVV4	6283	7241	0.51%	0.060%
95	15.322	2197	2201	2204	rBV4	1763	3390	0.24%	0.028%
96	15.371	2204	2209	2213	rVV	7783	14383	1.01%	0.119%
97	15.438	2215	2220	2235	rVV	28222	58835	4.12%	0.488%
98	15.554	2235	2239	2245	rVB6	6436	11125	0.78%	0.092%
99	15.731	2267	2268	2269	rBV	961	507	0.04%	0.004%
100	16.432	2381	2383	2387	rBV3	1490	1816	0.13%	0.015%

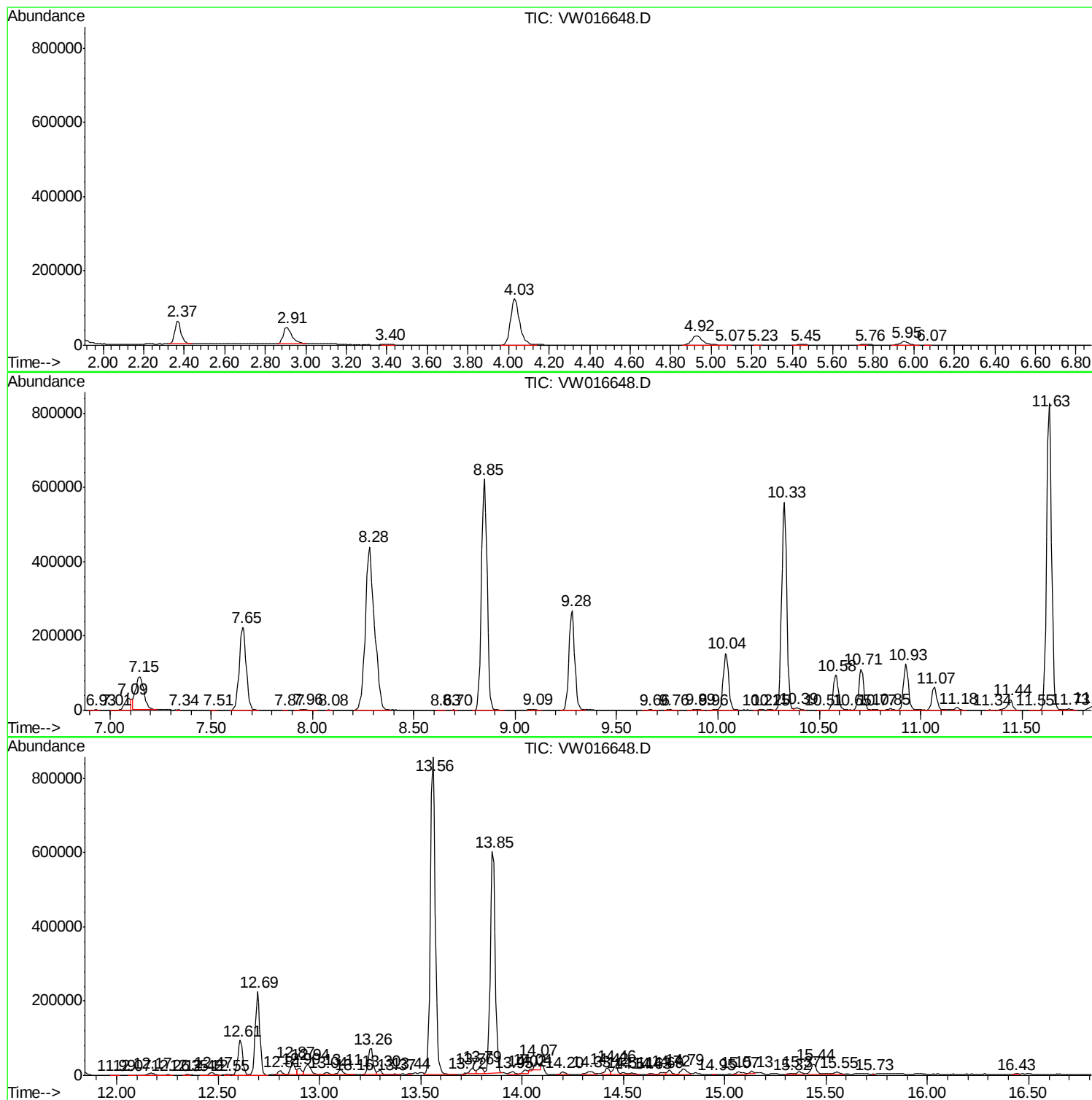
Sum of corrected areas: 12044149

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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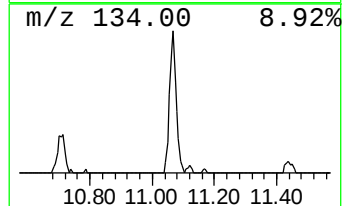
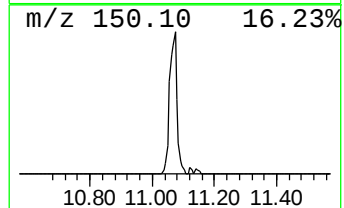
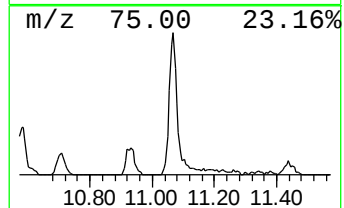
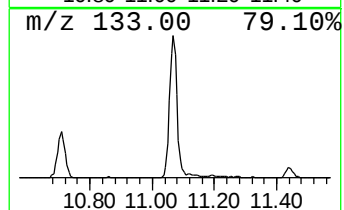
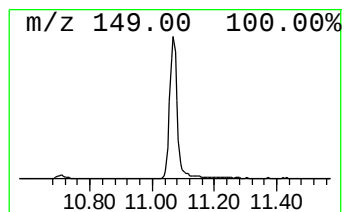
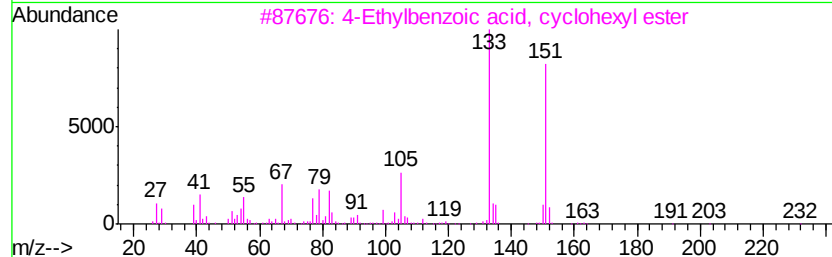
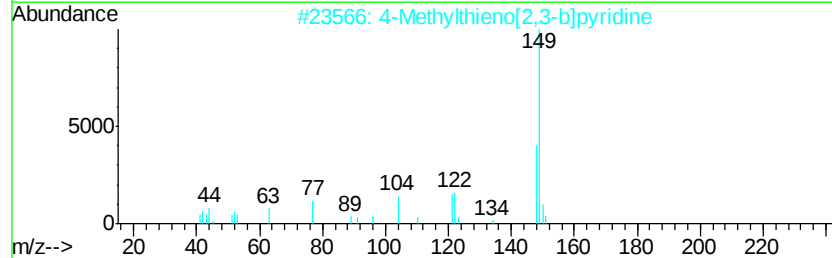
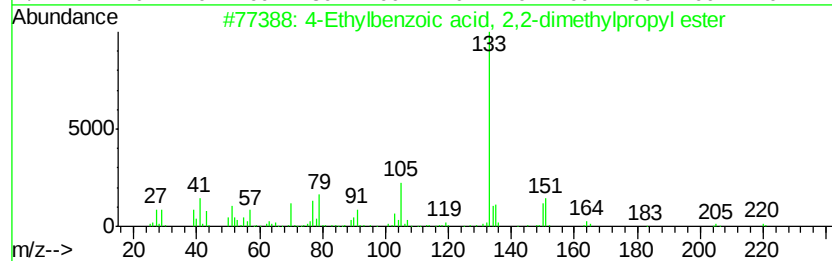
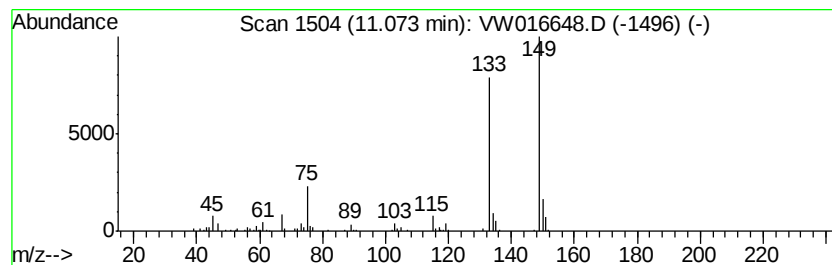
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.94 ug/L	108890	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Ethylbenzoic acid, 2,2-dimethyl...	220	C14H20O2	1000293-49-5	25
2		4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	25
3		4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	17
4		5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	17
5		4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	17



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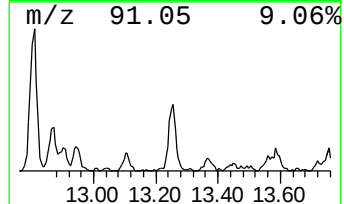
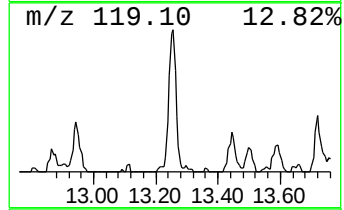
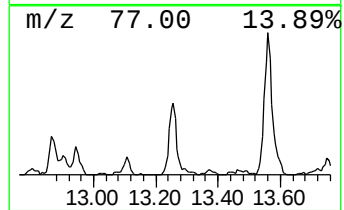
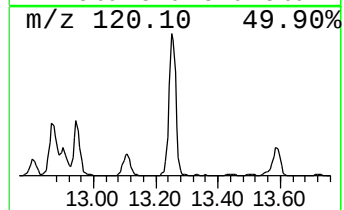
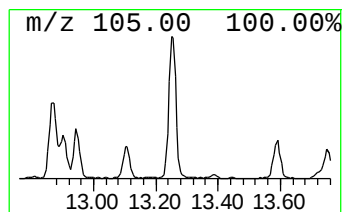
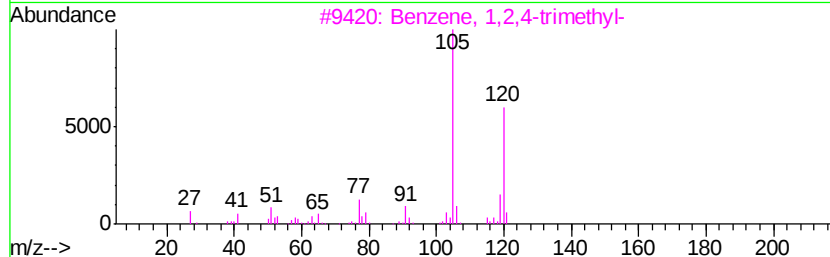
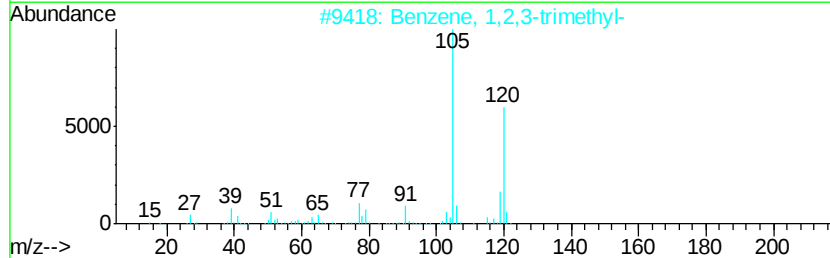
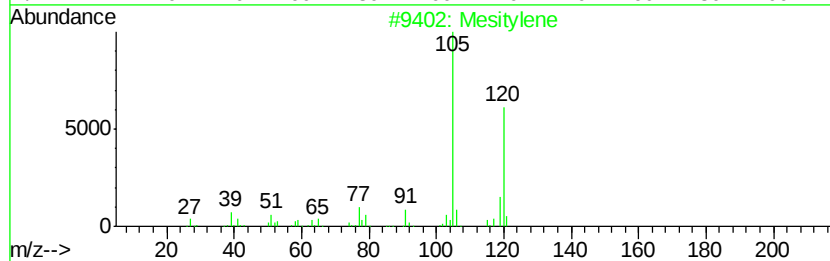
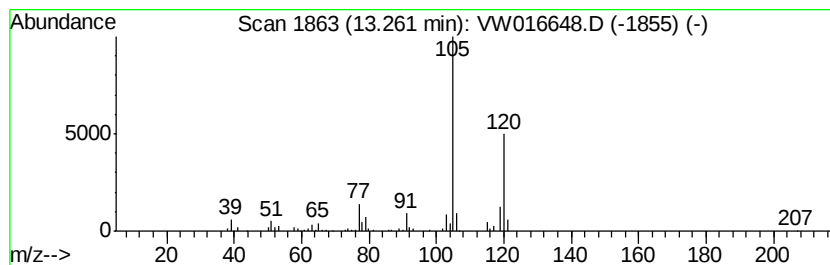
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Peak Number 6 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	1.99 ug/L	113609	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	95
5	Mesitylene		120	C9H12	000108-67-8	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.07	1.9	ug/L	108890	2	11.63	1405350	25.0
Mesitylene	13.26	2.0	ug/L	113609	3	13.56	1428010	25.0