

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011254.D
 Acq On : 15 Jul 2019 11:34
 Operator : SY/VA
 Sample : K3798-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52S4

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	2.007	12	17	32	rVB	28424	72395	2.48%	0.197%
2	2.154	36	41	46	rBV	22963	38743	1.33%	0.105%
3	2.208	46	50	62	rVV	73091	107314	3.68%	0.291%
4	2.318	62	68	70	rVV	129632	205265	7.03%	0.557%
5	2.355	70	74	95	rVB2	244368	547618	18.76%	1.487%
6	2.769	136	142	153	rVV	51836	117066	4.01%	0.318%
7	2.885	154	161	178	rVB2	66149	229941	7.88%	0.624%
8	3.251	213	221	229	rBV2	24513	57532	1.97%	0.156%
9	3.544	262	269	272	rBV5	1160	3024	0.10%	0.008%
10	3.586	275	276	279	rBV2	566	559	0.02%	0.002%
11	3.867	312	322	325	rBV5	2561	7251	0.25%	0.020%
12	3.934	331	333	335	rVV3	472	511	0.02%	0.001%
13	4.037	335	350	386	rVV5	305756	1520357	52.10%	4.129%
14	4.287	389	391	394	rVB4	701	635	0.02%	0.002%
15	4.391	401	408	417	rBV3	1853	5655	0.19%	0.015%
16	4.659	442	452	470	rBV2	43805	132722	4.55%	0.360%
17	4.793	472	474	477	rVB4	607	517	0.02%	0.001%
18	4.915	480	494	517	rBV	135785	540107	18.51%	1.467%
19	5.159	523	534	548	rVB2	6357	24740	0.85%	0.067%
20	5.415	559	576	596	rBV	214988	755849	25.90%	2.053%
21	5.696	619	622	624	rBV3	491	536	0.02%	0.001%
22	5.757	631	632	634	rVV2	830	598	0.02%	0.002%
23	5.933	651	661	671	rVB4	5198	16668	0.57%	0.045%
24	6.092	684	687	689	rBV4	497	559	0.02%	0.002%
25	6.110	689	690	696	rVV5	319	481	0.02%	0.001%
26	6.452	734	746	758	rBV4	12557	39418	1.35%	0.107%
27	6.769	796	798	801	rBV2	366	470	0.02%	0.001%
28	7.073	838	848	854	rBV	59676	169087	5.79%	0.459%
29	7.165	855	863	880	rVB2	134625	401463	13.76%	1.090%
30	7.311	885	887	892	rVB3	465	635	0.02%	0.002%
31	7.653	930	943	955	rVV3	310503	1086389	37.23%	2.950%
32	7.762	955	961	969	rVB2	13276	31252	1.07%	0.085%
33	7.951	979	992	1009	rBV	375312	998366	34.21%	2.711%
34	8.274	1033	1045	1047	rBV	525413	1152094	39.48%	3.129%

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35	8.317	1048	1052	1063	rVB	1052095	2331751	79.90%	6.332%
36	8.610	1098	1100	1107	rVB5	1282	2472	0.08%	0.007%
37	8.695	1108	1114	1117	rVB4	828	1616	0.06%	0.004%
38	8.841	1129	1138	1148	rBV	481872	957073	32.79%	2.599%
39	9.091	1165	1179	1189	rBV	822561	1630941	55.89%	4.429%
40	9.274	1199	1209	1220	rBV	352824	721451	24.72%	1.959%
41	9.439	1229	1236	1245	rVB	19521	39924	1.37%	0.108%
42	9.597	1257	1262	1265	rBV3	534	585	0.02%	0.002%
43	9.652	1265	1271	1278	rBV7	1959	4326	0.15%	0.012%
44	9.780	1287	1292	1294	rBV2	547	761	0.03%	0.002%
45	9.829	1298	1300	1303	rVB2	445	502	0.02%	0.001%
46	9.878	1307	1308	1311	rBV	397	507	0.02%	0.001%
47	10.030	1324	1333	1346	rBV	195116	377911	12.95%	1.026%
48	10.122	1346	1348	1356	rVB6	1693	2889	0.10%	0.008%
49	10.213	1358	1363	1366	rBV4	1965	3219	0.11%	0.009%
50	10.323	1373	1381	1386	rBV	700478	1237687	42.41%	3.361%
51	10.384	1386	1391	1400	rVB	1669280	2918384	100.00%	7.925%
52	10.573	1416	1422	1434	rBV	130768	227160	7.78%	0.617%
53	10.701	1437	1443	1450	rBV	67234	123293	4.22%	0.335%
54	10.786	1450	1457	1463	rVV	270073	466254	15.98%	1.266%
55	10.859	1463	1469	1474	rVV	199567	341253	11.69%	0.927%
56	10.920	1474	1479	1491	rVB	210653	364247	12.48%	0.989%
57	11.061	1497	1502	1510	rVB	29592	48948	1.68%	0.133%
58	11.176	1516	1521	1527	rVB5	1748	3367	0.12%	0.009%
59	11.280	1536	1538	1543	rBV3	681	933	0.03%	0.003%
60	11.335	1543	1547	1552	rBV5	635	1302	0.04%	0.004%
61	11.438	1558	1564	1574	rVB2	12075	21871	0.75%	0.059%
62	11.524	1574	1578	1581	rVB4	517	803	0.03%	0.002%
63	11.634	1587	1596	1606	rVV2	671981	1704574	58.41%	4.629%
64	11.731	1606	1612	1623	rVV	949932	1509265	51.72%	4.098%
65	11.847	1623	1631	1640	rVV	1088199	1754790	60.13%	4.765%
66	11.999	1653	1656	1658	rBV2	542	649	0.02%	0.002%
67	12.085	1667	1670	1671	rBV2	450	540	0.02%	0.001%
68	12.164	1675	1683	1699	rBV2	1005056	1968105	67.44%	5.344%
69	12.347	1705	1713	1724	rVB	64695	113025	3.87%	0.307%
70	12.463	1724	1732	1744	rBV	794424	1256141	43.04%	3.411%
71	12.548	1744	1746	1750	rBV4	437	568	0.02%	0.002%

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72	12.609	1750	1756	1762	rBV	48209	80509	2.76%	0.219%
73	12.694	1762	1770	1774	rBV2	277016	586778	20.11%	1.593%
74	12.743	1774	1778	1786	rVB	544956	953015	32.66%	2.588%
75	12.871	1794	1799	1802	rVB5	1002	1544	0.05%	0.004%
76	12.938	1802	1810	1817	rBV3	13235	22653	0.78%	0.062%
77	13.042	1824	1827	1830	rBV5	518	684	0.02%	0.002%
78	13.103	1831	1837	1842	rVB3	4880	7988	0.27%	0.022%
79	13.194	1849	1852	1854	rBV3	1057	1285	0.04%	0.003%
80	13.249	1854	1861	1877	rVB	956607	1469892	50.37%	3.992%
81	13.377	1877	1882	1883	rBV4	1540	2360	0.08%	0.006%
82	13.499	1895	1902	1907	rBV	568145	901407	30.89%	2.448%
83	13.560	1907	1912	1924	rVB2	744539	1543908	52.90%	4.193%
84	13.767	1940	1946	1951	rBV7	1993	4091	0.14%	0.011%
85	13.853	1953	1960	1970	rVV	602055	994348	34.07%	2.700%
86	13.950	1974	1976	1982	rVB7	1044	1650	0.06%	0.004%
87	14.023	1984	1988	1991	rBV4	833	1151	0.04%	0.003%
88	14.072	1991	1996	2005	rVB2	20838	36048	1.24%	0.098%
89	14.200	2014	2017	2022	rVB4	1121	1631	0.06%	0.004%
90	14.328	2031	2038	2048	rBV5	5810	10873	0.37%	0.030%
91	14.627	2083	2087	2092	rBV5	2273	3509	0.12%	0.010%
92	15.133	2162	2170	2180	rBV	438007	749380	25.68%	2.035%
93	15.365	2201	2208	2214	rBV3	1990	4750	0.16%	0.013%
94	15.444	2216	2221	2226	rVV	11395	18133	0.62%	0.049%
95	15.499	2227	2230	2232	rVV	2086	2831	0.10%	0.008%
96	15.560	2232	2240	2249	rVB	554687	1016561	34.83%	2.761%
97	15.743	2268	2270	2271	rVB2	650	475	0.02%	0.001%
98	15.773	2271	2275	2277	rBV3	928	1220	0.04%	0.003%
99	15.974	2304	2308	2309	rBV4	725	793	0.03%	0.002%
100	16.724	2429	2431	2434	rBV4	575	633	0.02%	0.002%

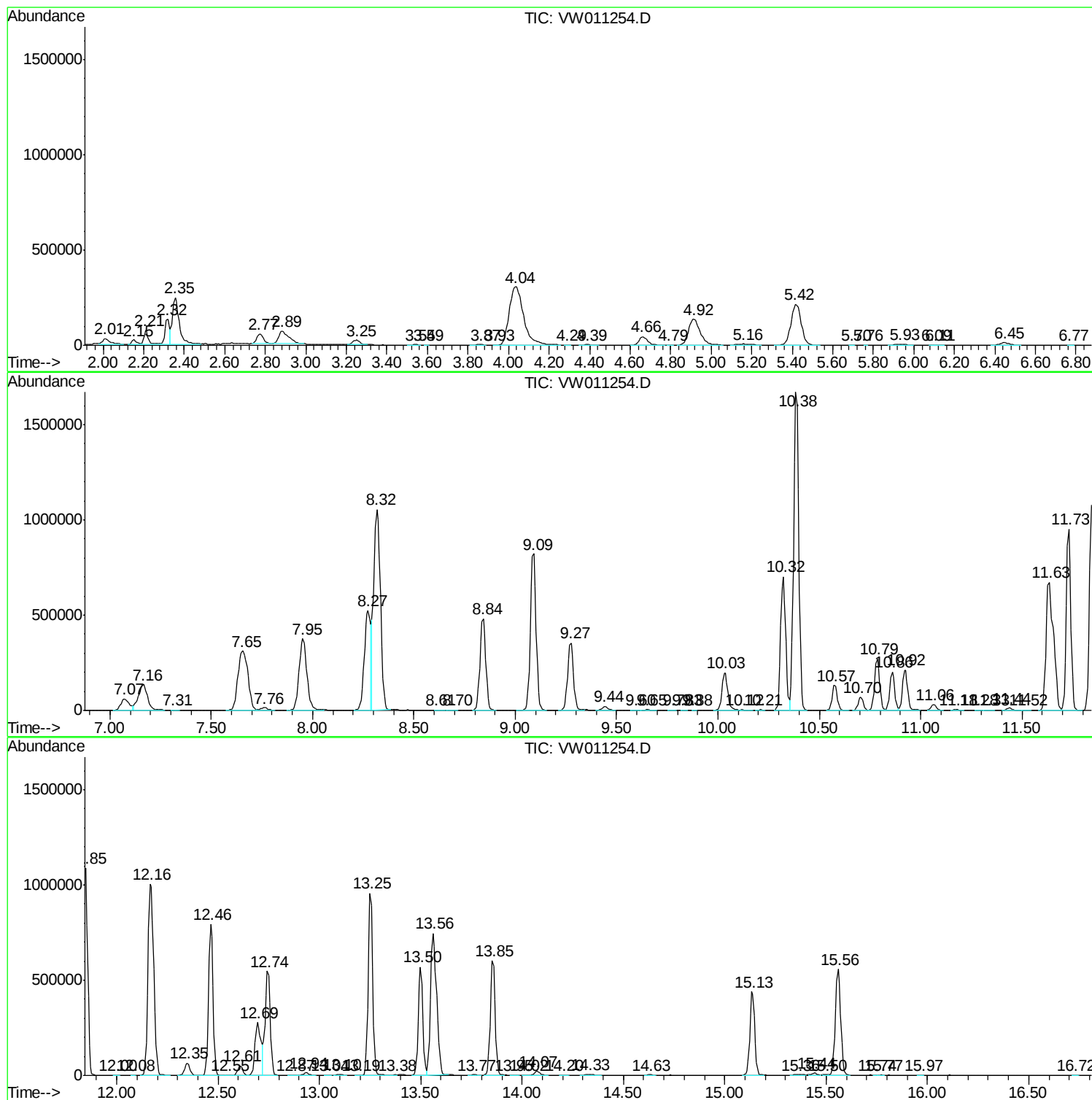
Sum of corrected areas: 36825004

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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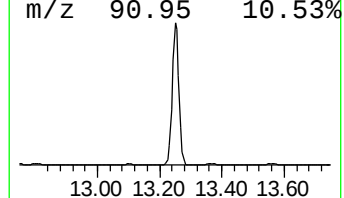
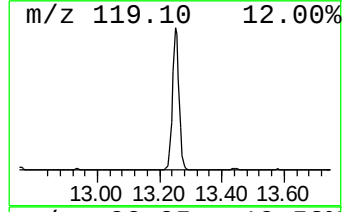
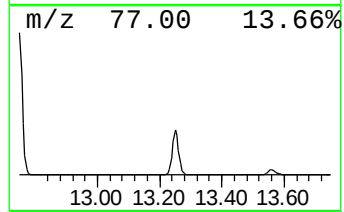
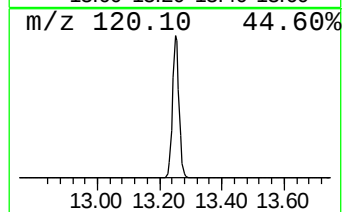
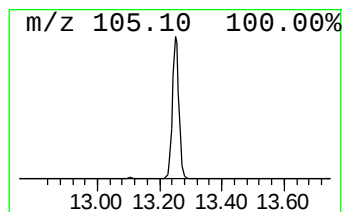
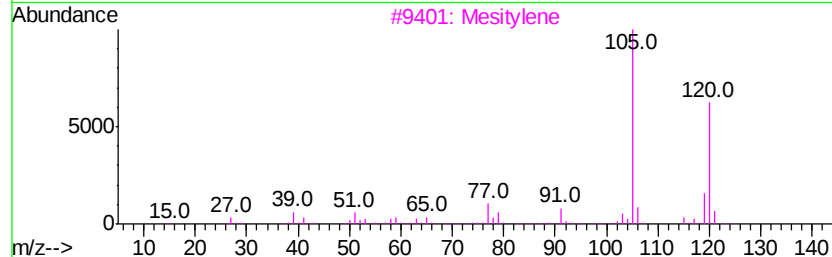
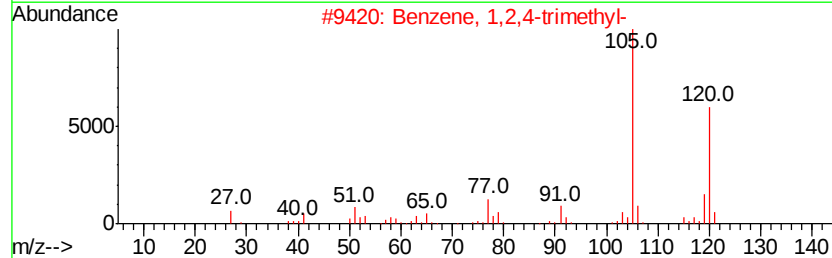
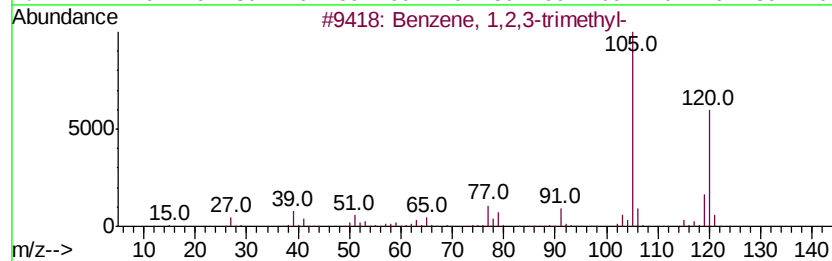
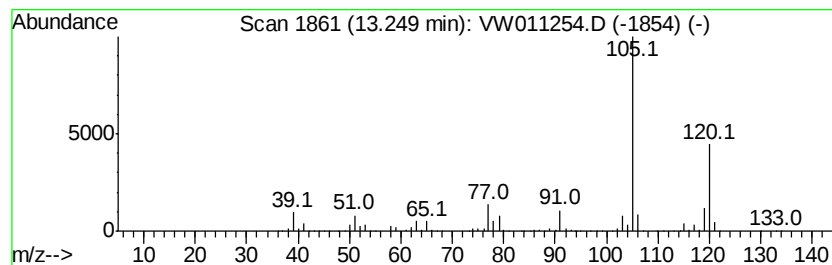
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	23.80 ug/L	1469890	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



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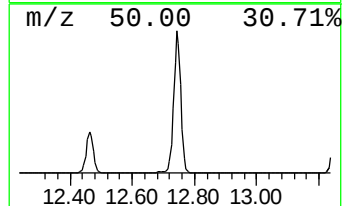
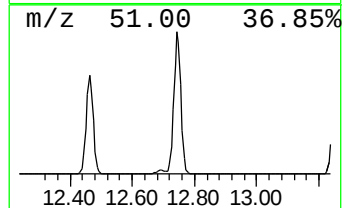
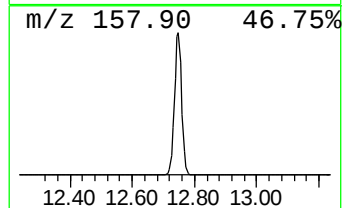
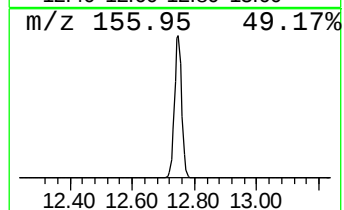
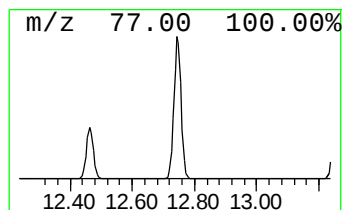
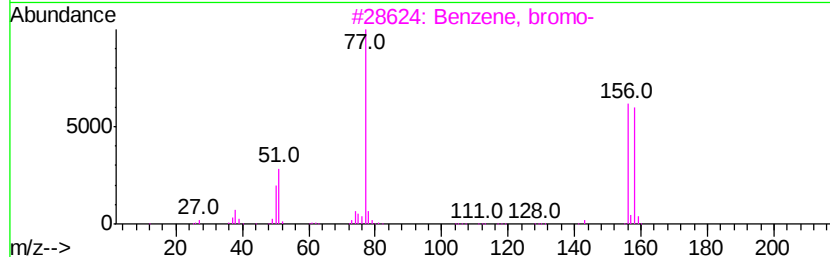
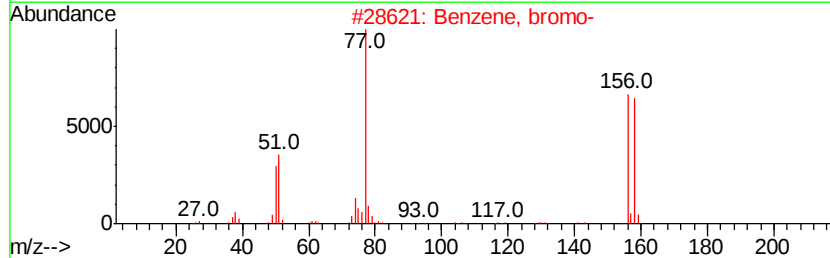
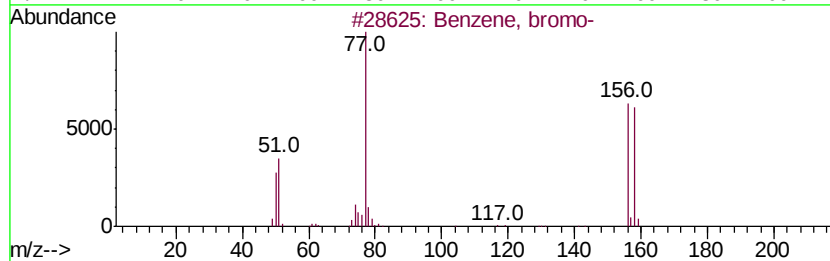
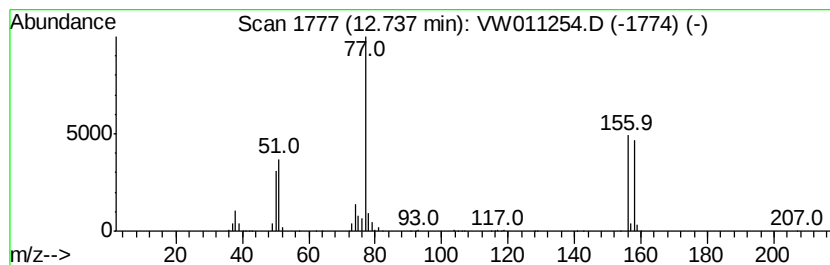
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, bromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	15.43 ug/L	953015	1,4-Dichlorobenzene-d4	13.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2	Benzene, bromo-	156	C6H5Br	000108-86-1	97
3	Benzene, bromo-	156	C6H5Br	000108-86-1	97
4	Benzene, bromo-	156	C6H5Br	000108-86-1	96
5	Benzene, bromo-	156	C6H5Br	000108-86-1	96



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,4-tr...	13.25	23.8	ug/L	1469890	3	13.56	1543910	25.0
Benzene, bromo-	12.74	15.4	ug/L	953015	3	13.56	1543910	25.0