

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015927.D
 Acq On : 23 Jul 2020 17:26
 Operator : SY/VA
 Sample : L3388-06
 Misc : 4.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD2

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\SOM2WLM072020S.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	37	42	47	rBV3	4267	8942	0.57%	0.075%
2	2.355	68	74	89	rVB	116936	233486	14.94%	1.968%
3	2.898	155	163	177	rBV	77531	196530	12.57%	1.656%
4	3.727	297	299	305	rVB4	783	1255	0.08%	0.011%
5	3.836	315	317	319	rVV3	335	273	0.02%	0.002%
6	3.897	325	327	330	rBV	263	300	0.02%	0.003%
7	4.013	334	346	367	rBV	195687	574425	36.74%	4.840%
8	4.208	370	378	389	rVB3	3938	11118	0.71%	0.094%
9	4.416	408	412	413	rBV	272	292	0.02%	0.002%
10	4.586	436	440	441	rBV2	317	246	0.02%	0.002%
11	4.617	441	445	447	rVV2	219	284	0.02%	0.002%
12	4.922	483	495	514	rBV2	27042	89339	5.71%	0.753%
13	5.117	526	527	531	rBV2	425	394	0.03%	0.003%
14	5.196	535	540	541	rBV2	276	277	0.02%	0.002%
15	5.489	585	588	591	rBV3	164	255	0.02%	0.002%
16	5.604	603	607	610	rBV2	168	287	0.02%	0.002%
17	5.751	630	631	636	rVB2	331	401	0.03%	0.003%
18	5.806	636	640	643	rVB	267	390	0.02%	0.003%
19	5.946	650	663	673	rBV3	6155	18247	1.17%	0.154%
20	6.775	795	799	802	rVB2	144	250	0.02%	0.002%
21	6.933	823	825	829	rVB	295	328	0.02%	0.003%
22	6.976	829	832	833	rBV2	359	377	0.02%	0.003%
23	7.092	841	851	857	rBV	34847	99672	6.38%	0.840%
24	7.549	923	926	931	rVB3	271	428	0.03%	0.004%
25	7.653	931	943	957	rBV	272302	648280	41.47%	5.463%
26	7.866	976	978	980	rVV2	315	323	0.02%	0.003%
27	7.891	980	982	985	rVV2	356	347	0.02%	0.003%
28	7.951	987	992	998	rVB3	1410	2037	0.13%	0.017%
29	8.281	1035	1046	1064	rVV2	534461	1563274	100.00%	13.173%
30	8.403	1064	1066	1068	rVV2	753	677	0.04%	0.006%
31	8.451	1072	1074	1078	rVB2	259	349	0.02%	0.003%
32	8.634	1102	1104	1108	rVB2	408	441	0.03%	0.004%
33	8.689	1110	1113	1114	rBV	395	399	0.03%	0.003%
34	8.848	1129	1139	1155	rBV	555290	1071453	68.54%	9.029%

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35	8.957	1155	1157	1160	rVB3	365	298	0.02%	0.003%
36	9.079	1172	1177	1185	rVB5	2010	3997	0.26%	0.034%
37	9.274	1198	1209	1219	rBV	356716	726453	46.47%	6.122%
38	9.665	1268	1273	1283	rVB3	756	1757	0.11%	0.015%
39	9.847	1301	1303	1305	rBV2	382	348	0.02%	0.003%
40	9.878	1305	1308	1311	rBV3	246	414	0.03%	0.003%
41	9.963	1320	1322	1325	rVB3	395	427	0.03%	0.004%
42	10.036	1325	1334	1343	rBV	165856	301292	19.27%	2.539%
43	10.140	1347	1351	1356	rVB4	1718	3123	0.20%	0.026%
44	10.213	1359	1363	1365	rVB4	380	445	0.03%	0.004%
45	10.329	1373	1382	1391	rBV	719596	1293707	82.76%	10.902%
46	10.579	1416	1423	1437	rBV	107417	188333	12.05%	1.587%
47	10.707	1438	1444	1451	rVB	27448	48560	3.11%	0.409%
48	10.768	1451	1454	1455	rBV2	1077	1016	0.06%	0.009%
49	10.927	1474	1480	1498	rVB	130822	241983	15.48%	2.039%
50	11.067	1499	1503	1510	rVB	9612	14677	0.94%	0.124%
51	11.237	1529	1531	1532	rBV2	575	368	0.02%	0.003%
52	11.445	1559	1565	1572	rVB	11076	19688	1.26%	0.166%
53	11.518	1574	1577	1578	rBV2	538	646	0.04%	0.005%
54	11.634	1588	1596	1606	rBV	750339	1235753	79.05%	10.413%
55	11.798	1621	1623	1625	rBV3	554	696	0.04%	0.006%
56	11.896	1626	1639	1641	rBV3	4419	15646	1.00%	0.132%
57	12.103	1670	1673	1675	rBV2	259	317	0.02%	0.003%
58	12.170	1681	1684	1686	rBV3	722	1021	0.07%	0.009%
59	12.219	1689	1692	1693	rBV2	379	402	0.03%	0.003%
60	12.353	1693	1714	1739	rBV5	89181	525623	33.62%	4.429%
61	12.609	1750	1756	1763	rVB2	23561	41137	2.63%	0.347%
62	12.695	1763	1770	1778	rVB	245083	406619	26.01%	3.426%
63	12.871	1785	1799	1806	rBV10	4286	18372	1.18%	0.155%
64	12.938	1806	1810	1814	rVV5	3658	6337	0.41%	0.053%
65	13.042	1817	1827	1838	rVB7	12717	48516	3.10%	0.409%
66	13.164	1844	1847	1848	rBV2	569	524	0.03%	0.004%
67	13.194	1849	1852	1856	rVB3	1521	1757	0.11%	0.015%
68	13.255	1858	1862	1865	rBV3	978	1263	0.08%	0.011%
69	13.298	1865	1869	1875	rVB2	2972	4198	0.27%	0.035%
70	13.353	1875	1878	1879	rBV3	530	496	0.03%	0.004%
71	13.414	1882	1888	1890	rBV6	3102	5113	0.33%	0.043%

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72	13.481	1892	1899	1905	rBV8	7150	19712	1.26%	0.166%
73	13.560	1905	1912	1919	rBV	623504	984924	63.00%	8.300%
74	13.853	1953	1960	1982	rVB	530185	1014946	64.92%	8.553%
75	14.072	1992	1996	2004	rVB	4463	7657	0.49%	0.065%
76	14.213	2008	2019	2033	rVB	9391	38619	2.47%	0.325%
77	14.334	2033	2039	2041	rBV7	1115	1767	0.11%	0.015%
78	14.450	2055	2058	2059	rBV2	628	714	0.05%	0.006%
79	14.591	2071	2081	2086	rBV2	2619	9489	0.61%	0.080%
80	14.767	2099	2110	2119	rVB3	30830	90936	5.82%	0.766%
81	14.859	2123	2125	2129	rBV4	285	370	0.02%	0.003%
82	14.920	2133	2135	2136	rBV	413	353	0.02%	0.003%
83	15.005	2147	2149	2151	rBV3	289	286	0.02%	0.002%
84	15.029	2151	2153	2155	rVV2	366	315	0.02%	0.003%
85	15.054	2155	2157	2161	rVB3	648	725	0.05%	0.006%
86	15.103	2164	2165	2167	rVV2	347	259	0.02%	0.002%
87	15.133	2168	2170	2172	rVB3	522	360	0.02%	0.003%
88	15.176	2176	2177	2179	rVB	572	401	0.03%	0.003%
89	15.194	2179	2180	2182	rBV	365	324	0.02%	0.003%
90	15.316	2199	2200	2204	rBV3	416	446	0.03%	0.004%
91	15.401	2212	2214	2216	rBV3	363	395	0.03%	0.003%
92	15.438	2216	2220	2225	rVV5	1963	3399	0.22%	0.029%
93	15.493	2227	2229	2235	rVB3	686	847	0.05%	0.007%
94	15.743	2268	2270	2271	rBV	423	261	0.02%	0.002%
95	15.840	2284	2286	2289	rBV3	537	304	0.02%	0.003%
96	15.895	2293	2295	2296	rBV2	484	393	0.03%	0.003%
97	15.913	2296	2298	2300	rVB	470	420	0.03%	0.004%
98	15.932	2300	2301	2303	rBV2	337	288	0.02%	0.002%
99	16.480	2387	2391	2396	rVB6	391	805	0.05%	0.007%
100	16.749	2432	2435	2436	rBV2	753	674	0.04%	0.006%

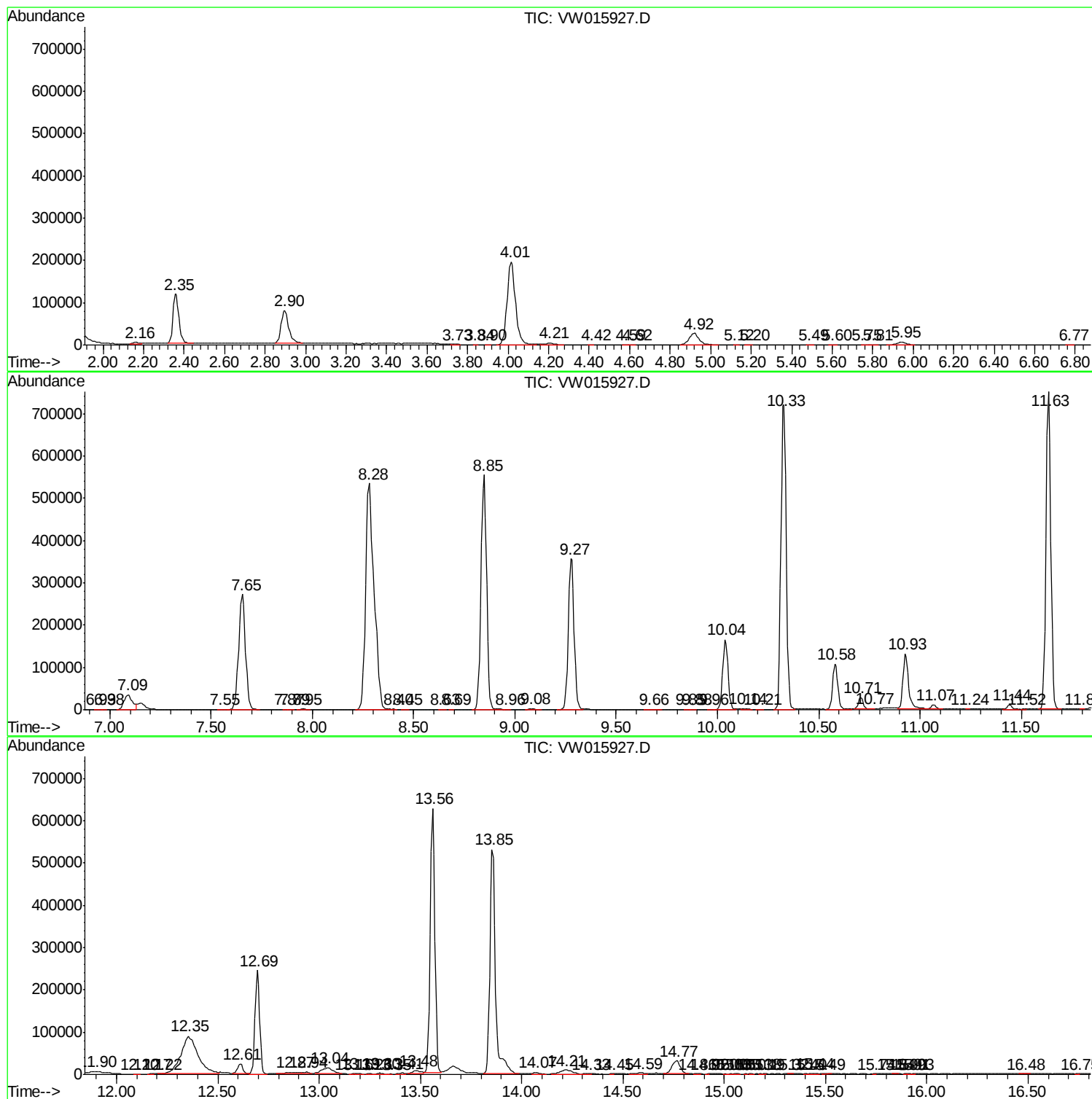
Sum of corrected areas: 11867087

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



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Instrument :
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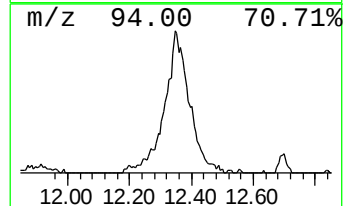
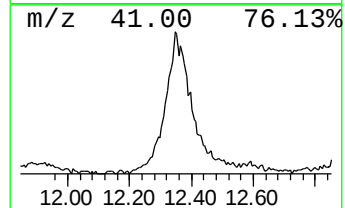
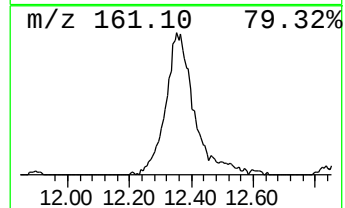
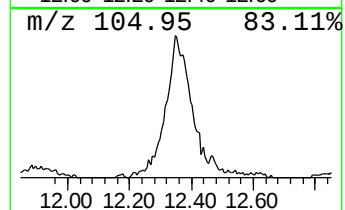
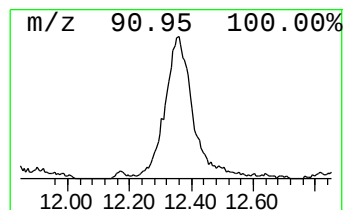
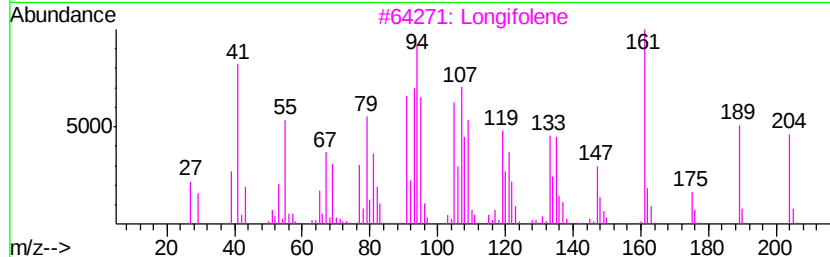
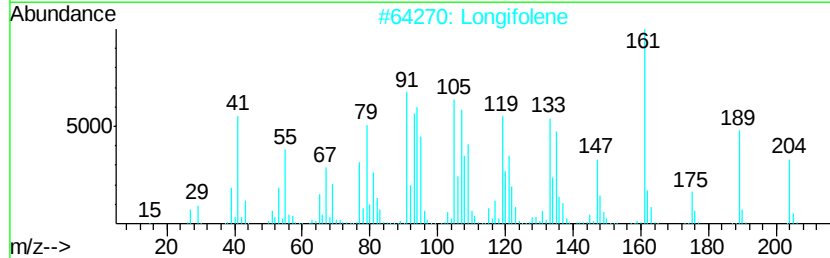
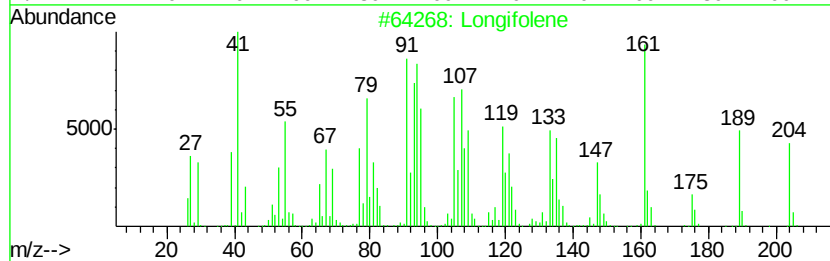
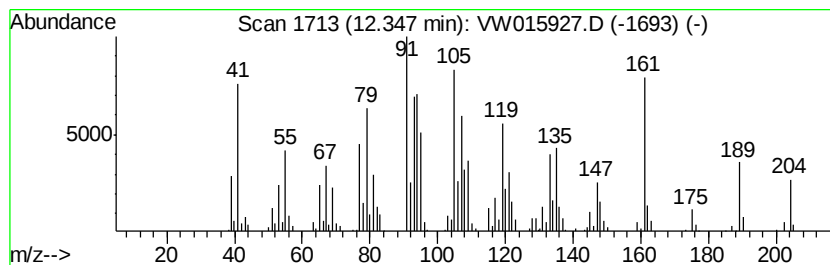
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 2 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	10.63 ug/L	525623	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Longifolene	204	C15H24	000475-20-7	99
2		Longifolene	204	C15H24	000475-20-7	99
3		Longifolene	204	C15H24	000475-20-7	99
4		1,2,4-Methenoazulene, decahydro-...	204	C15H24	001137-12-8	93
5		1H-Cyclopropa[a]naphthalene, dec...	204	C15H24	020071-49-2	92



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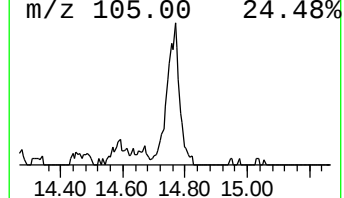
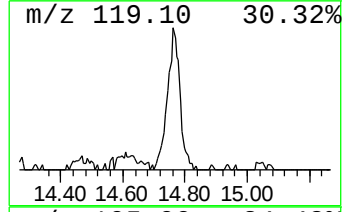
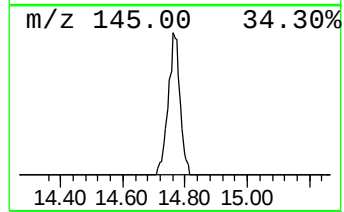
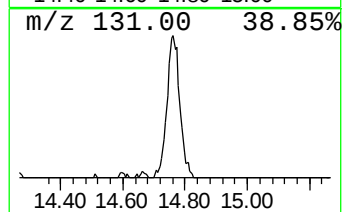
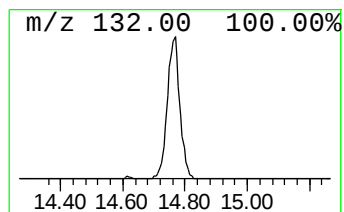
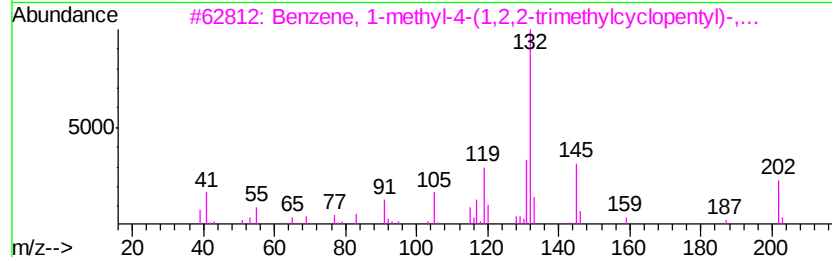
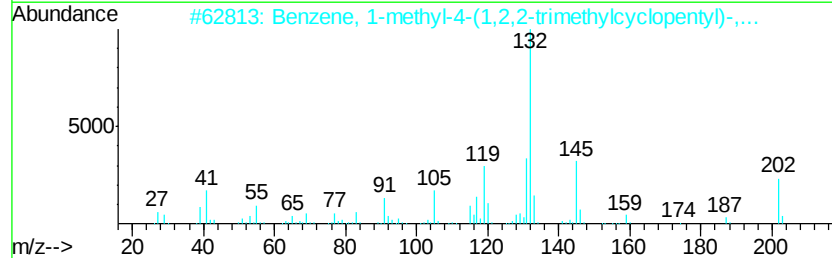
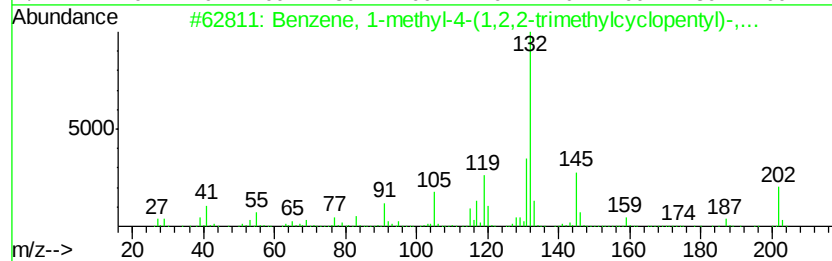
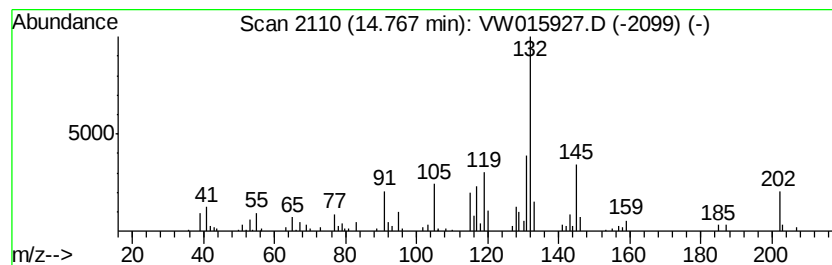
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Peak Number 3 Benzene, 1-methyl-4-(1,2,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.31 ug/L	90936	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	96
2		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	95
3		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	95
4		Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	64
5		5-Aminoindole	132	C8H8N2	005192-03-0	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Longifolene	12.35	10.6	ug/L	525623	2	11.63	1235750	25.0
Benzene, 1-methyl...	14.77	2.3	ug/L	90936	3	13.56	984924	25.0