

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009538.D
 Acq On : 28 Mar 2019 15:13
 Operator : SY/VA
 Sample : K2084-06
 Misc : 4.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF7W8

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\SOM2WLM031419S.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	46	rBV3	6241	12149	0.91%	0.114%
2	2.355	68	74	87	rBV	97897	219805	16.42%	2.057%
3	2.885	155	161	180	rVB	72606	216373	16.17%	2.025%
4	3.763	303	305	308	rVB4	1235	1050	0.08%	0.010%
5	3.867	317	322	325	rBV8	1711	2661	0.20%	0.025%
6	4.013	335	346	361	rBV	145798	502861	37.57%	4.706%
7	4.257	382	386	388	rBV4	778	956	0.07%	0.009%
8	4.391	402	408	415	rVB7	2895	7239	0.54%	0.068%
9	4.476	420	422	427	rVB5	752	1174	0.09%	0.011%
10	4.604	439	443	446	rBV5	1725	3190	0.24%	0.030%
11	4.915	480	494	508	rBV3	39859	173728	12.98%	1.626%
12	5.184	534	538	541	rVB5	1321	1889	0.14%	0.018%
13	5.379	569	570	574	rVB2	963	1058	0.08%	0.010%
14	5.653	613	615	619	rBV3	975	1482	0.11%	0.014%
15	5.842	644	646	648	rBV3	857	1015	0.08%	0.009%
16	5.927	651	660	672	rVB4	24467	69983	5.23%	0.655%
17	6.104	688	689	692	rVV3	1257	1033	0.08%	0.010%
18	6.141	692	695	698	rVV5	1225	1165	0.09%	0.011%
19	6.238	707	711	712	rBV3	992	1120	0.08%	0.010%
20	6.360	729	731	734	rBV2	736	910	0.07%	0.009%
21	6.482	748	751	753	rBV2	839	1246	0.09%	0.012%
22	6.732	791	792	797	rVB3	786	1121	0.08%	0.010%
23	6.903	817	820	825	rVV5	1750	2901	0.22%	0.027%
24	6.964	828	830	833	rBV3	996	985	0.07%	0.009%
25	7.074	839	848	865	rBV	49656	147117	10.99%	1.377%
26	7.263	876	879	882	rVB4	1408	1500	0.11%	0.014%
27	7.439	905	908	911	rBV2	810	1016	0.08%	0.010%
28	7.525	920	922	925	rBV4	1578	1805	0.13%	0.017%
29	7.647	930	942	956	rVB	240221	590522	44.12%	5.526%
30	7.811	964	969	972	rVB5	666	1289	0.10%	0.012%
31	7.842	972	974	980	rBV3	742	1189	0.09%	0.011%
32	8.275	1034	1045	1059	rBV2	450079	1338386	100.00%	12.524%
33	8.384	1061	1063	1064	rVV2	1743	1660	0.12%	0.016%
34	8.506	1079	1083	1085	rBV3	954	984	0.07%	0.009%

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35	8.628	1097	1103	1105	rBV5	1791	3338	0.25%	0.031%
36	8.738	1120	1121	1125	rBV3	1049	1109	0.08%	0.010%
37	8.842	1129	1138	1147	rBV	455504	892135	66.66%	8.348%
38	9.031	1164	1169	1173	rBV5	4310	8046	0.60%	0.075%
39	9.274	1199	1209	1218	rBV	308958	629015	47.00%	5.886%
40	9.396	1226	1229	1231	rBV4	1143	1440	0.11%	0.013%
41	9.512	1243	1248	1249	rBV5	1219	1191	0.09%	0.011%
42	9.591	1259	1261	1265	rVB5	894	1024	0.08%	0.010%
43	9.646	1266	1270	1272	rBV3	766	1098	0.08%	0.010%
44	9.762	1281	1289	1296	rBV3	3223	7394	0.55%	0.069%
45	9.890	1304	1310	1317	rBV5	6551	14626	1.09%	0.137%
46	10.030	1325	1333	1343	rBV	165510	305876	22.85%	2.862%
47	10.103	1343	1345	1347	rVV3	959	999	0.07%	0.009%
48	10.207	1359	1362	1364	rBV4	956	1021	0.08%	0.010%
49	10.244	1364	1368	1373	rBV5	3937	6653	0.50%	0.062%
50	10.323	1373	1381	1388	rBV	604451	1048256	78.32%	9.809%
51	10.579	1414	1423	1430	rBV	117394	203109	15.18%	1.901%
52	10.707	1440	1444	1445	rBV4	1952	1981	0.15%	0.019%
53	10.768	1452	1454	1455	rBV2	1522	1169	0.09%	0.011%
54	10.927	1473	1480	1491	rBV2	183319	328742	24.56%	3.076%
55	11.006	1491	1493	1494	rBV2	1864	1097	0.08%	0.010%
56	11.067	1501	1503	1505	rBV3	1530	1515	0.11%	0.014%
57	11.122	1510	1512	1514	rVB3	1372	1024	0.08%	0.010%
58	11.201	1524	1525	1528	rVB3	976	919	0.07%	0.009%
59	11.408	1556	1559	1563	rVB5	2441	3375	0.25%	0.032%
60	11.573	1569	1586	1588	rBV5	10734	44855	3.35%	0.420%
61	11.628	1588	1595	1603	rVV	666721	1155843	86.36%	10.816%
62	11.945	1645	1647	1651	rBV5	1940	2366	0.18%	0.022%
63	12.097	1670	1672	1677	rVB5	1773	1864	0.14%	0.017%
64	12.219	1691	1692	1695	rBV2	1076	1304	0.10%	0.012%
65	12.609	1749	1756	1761	rVB5	6427	14547	1.09%	0.136%
66	12.694	1761	1770	1781	rBV	286076	467235	34.91%	4.372%
67	12.902	1798	1804	1806	rBV5	2935	4796	0.36%	0.045%
68	12.944	1807	1811	1813	rBV4	2704	3956	0.30%	0.037%
69	13.194	1845	1852	1856	rBV5	4432	8784	0.66%	0.082%
70	13.310	1867	1871	1877	rVB5	3232	5608	0.42%	0.052%
71	13.408	1881	1887	1892	rVB5	6045	10749	0.80%	0.101%

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72	13.481	1893	1899	1901	rBV6	3828	7000	0.52%	0.066%
73	13.560	1905	1912	1920	rBV	658999	1058177	79.06%	9.902%
74	13.853	1953	1960	1968	rBV	565930	940173	70.25%	8.798%
75	14.072	1992	1996	2001	rBV2	3692	6668	0.50%	0.062%
76	14.182	2005	2014	2026	rVB10	23617	78173	5.84%	0.732%
77	14.267	2026	2028	2029	rBV2	1728	1412	0.11%	0.013%
78	14.298	2029	2033	2035	rVV5	2894	4905	0.37%	0.046%
79	14.328	2036	2038	2041	rVV4	4747	6844	0.51%	0.064%
80	14.365	2041	2044	2054	rVB10	7972	22309	1.67%	0.209%
81	14.530	2063	2071	2075	rBV9	4906	9497	0.71%	0.089%
82	14.627	2083	2087	2089	rBV3	1165	1651	0.12%	0.015%
83	14.719	2100	2102	2104	rBV3	1789	2054	0.15%	0.019%
84	14.883	2125	2129	2131	rBV3	1440	2155	0.16%	0.020%
85	15.121	2165	2168	2170	rBV4	1021	1532	0.11%	0.014%
86	15.157	2170	2174	2175	rVV3	1345	1804	0.13%	0.017%
87	15.194	2178	2180	2183	rVB4	1174	1391	0.10%	0.013%
88	15.365	2205	2208	2210	rBV3	884	1003	0.07%	0.009%
89	15.444	2212	2221	2226	rBV4	9762	20957	1.57%	0.196%
90	15.499	2226	2230	2232	rBV4	2476	3354	0.25%	0.031%
91	15.560	2238	2240	2246	rVB6	2160	3096	0.23%	0.029%
92	15.688	2259	2261	2264	rVV3	1543	1417	0.11%	0.013%
93	15.743	2268	2270	2273	rBV4	901	977	0.07%	0.009%
94	15.804	2278	2280	2281	rBV2	1500	1005	0.08%	0.009%
95	15.877	2291	2292	2294	rBV2	1242	1100	0.08%	0.010%
96	16.090	2324	2327	2330	rBV4	1118	2186	0.16%	0.020%
97	16.340	2366	2368	2371	rBV4	1268	1058	0.08%	0.010%
98	16.371	2371	2373	2376	rBV4	917	1066	0.08%	0.010%
99	16.566	2402	2405	2406	rVB2	1011	1088	0.08%	0.010%
100	16.755	2433	2436	2438	rBV4	1690	1813	0.14%	0.017%

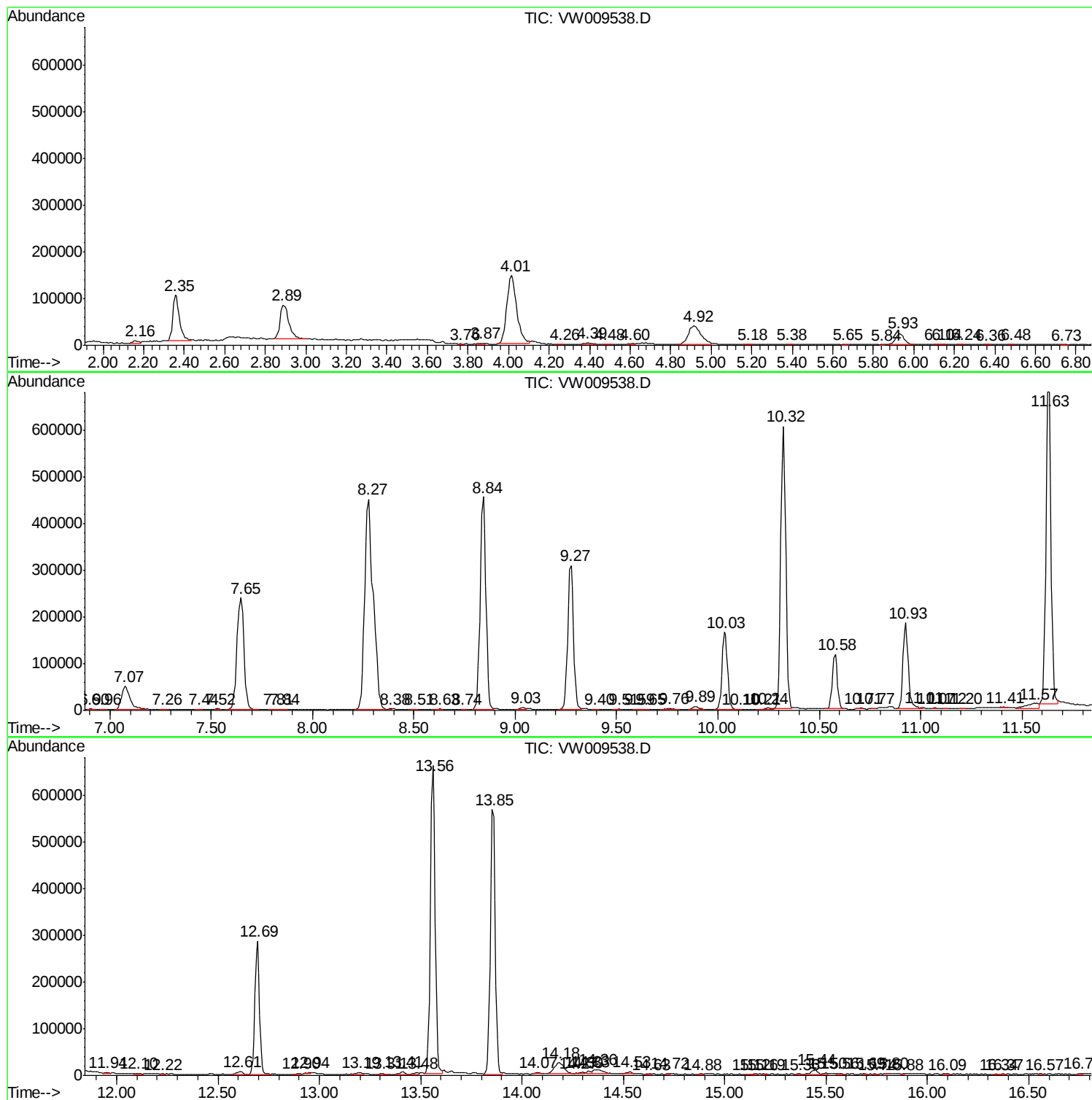
Sum of corrected areas: 10686486

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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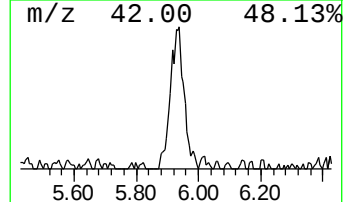
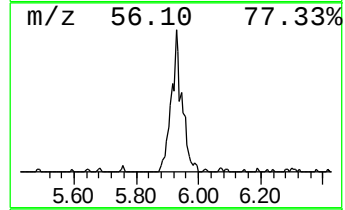
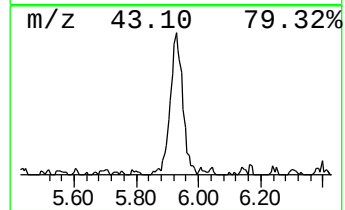
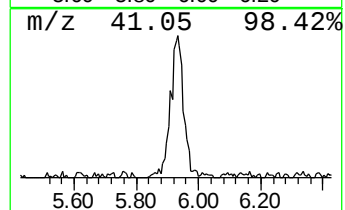
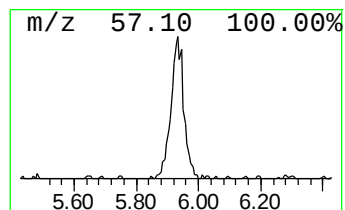
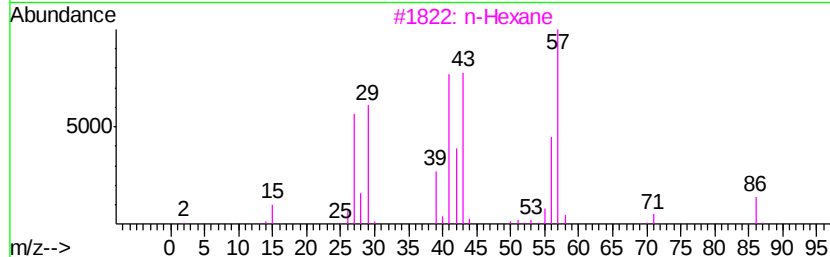
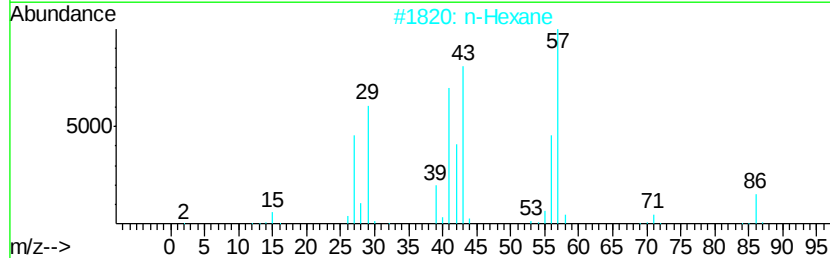
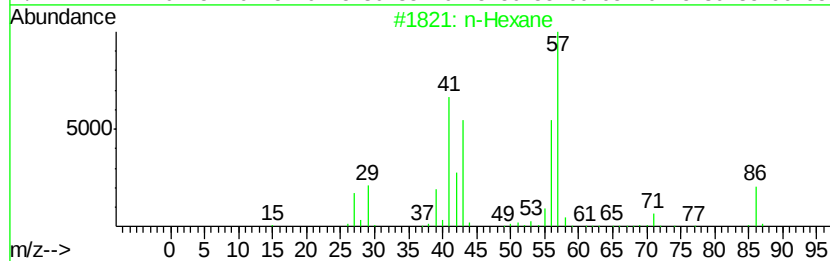
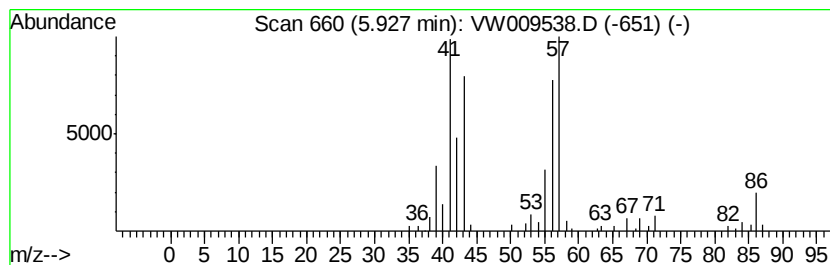
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.96 ug/L	69983	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	59
2		n-Hexane	86	C6H14	000110-54-3	58
3		n-Hexane	86	C6H14	000110-54-3	58
4		Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	52
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50



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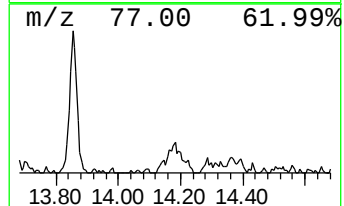
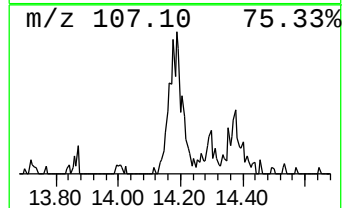
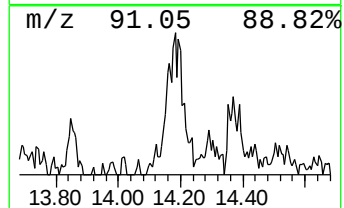
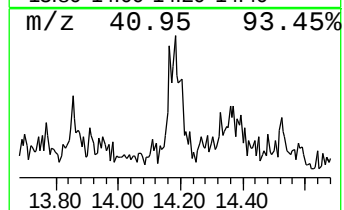
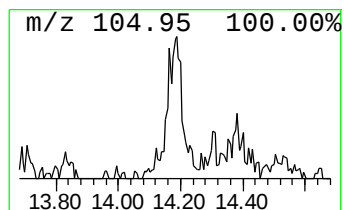
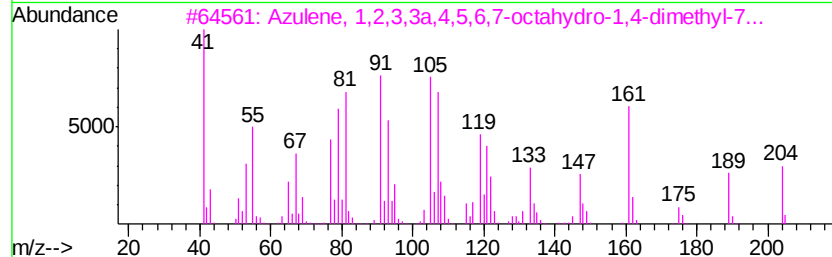
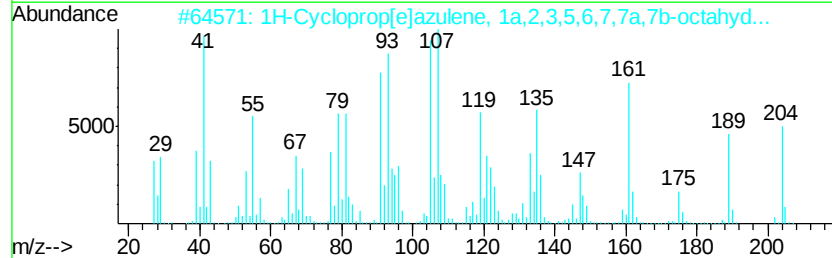
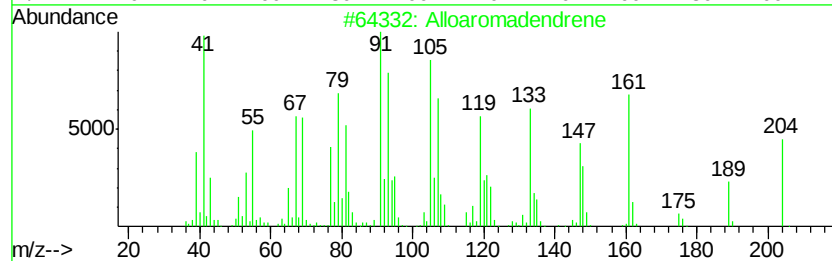
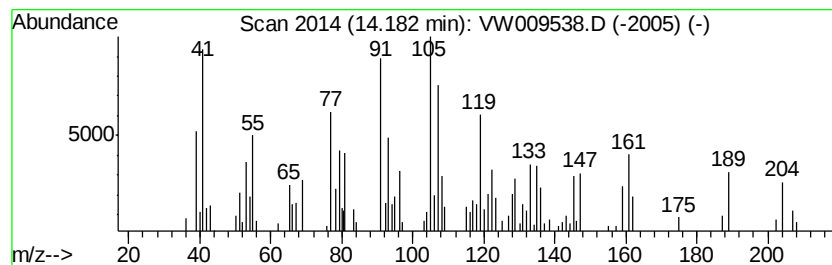
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Peak Number 3 Alloaromadendrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	1.85 ug/L	78173	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Alloaromadendrene	204	C15H24	025246-27-9	93
2		1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	92
3		Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	78
4		Aromandendrene	204	C15H24	000489-39-4	60
5		Alloaromadendrene	204	C15H24	025246-27-9	60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.93	2.0	ug/L	69983	1	8.84	892135	25.0
Alloaromadendrene	14.18	1.9	ug/L	78173	3	13.56	1058180	25.0