

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003098.D
 Acq On : 02 Jul 2020 20:21
 Operator : SY/MD
 Sample : L3211-06
 Misc : 9.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6 11-11.5

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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_Y\METHODS\82Y062920S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.956	355	364	372	rBV2	6059	17382	1.13%	0.154%
2	4.206	395	405	414	rBV3	7729	24184	1.58%	0.214%
3	4.724	478	490	502	rBV	19770	61667	4.02%	0.545%
4	7.724	973	982	988	rBV	231154	550627	35.94%	4.863%
5	7.797	988	994	1004	rVB	372108	820566	53.55%	7.248%
6	8.151	1042	1052	1064	rBV	216778	478865	31.25%	4.230%
7	8.693	1132	1141	1152	rBV	570158	1099098	71.73%	9.708%
8	10.181	1376	1385	1392	rBV	889397	1520986	99.27%	13.434%
9	10.242	1392	1395	1402	rVB	11877	21106	1.38%	0.186%
10	10.577	1445	1450	1455	rBV	8900	19670	1.28%	0.174%
11	11.491	1592	1600	1609	rBV	848682	1392213	90.86%	12.297%
12	11.699	1625	1634	1644	rVV2	19420	39547	2.58%	0.349%
13	12.028	1683	1688	1695	rVB2	7847	15414	1.01%	0.136%
14	12.333	1731	1738	1746	rBV	103754	170128	11.10%	1.503%
15	12.479	1755	1762	1770	rBV	723257	1142256	74.55%	10.089%
16	12.583	1770	1779	1784	rVB5	16275	31617	2.06%	0.279%
17	12.668	1789	1793	1798	rVB	12587	19428	1.27%	0.172%
18	12.735	1798	1804	1807	rBV	52391	88225	5.76%	0.779%
19	12.766	1807	1809	1812	rVV	31348	37948	2.48%	0.335%
20	12.808	1812	1816	1821	rVV	84297	135406	8.84%	1.196%
21	12.851	1821	1823	1827	rVV	12220	17581	1.15%	0.155%
22	12.973	1836	1843	1850	rVB	24434	39022	2.55%	0.345%
23	13.119	1861	1867	1876	rVB	102531	147096	9.60%	1.299%
24	13.314	1894	1899	1901	rBV	18572	27597	1.80%	0.244%
25	13.369	1905	1908	1911	rVV2	21975	35061	2.29%	0.310%
26	13.424	1911	1917	1929	rVB	978587	1532236	100.00%	13.533%
27	13.589	1939	1944	1947	rBV	30304	47168	3.08%	0.417%
28	13.619	1947	1949	1952	rVV2	30825	42269	2.76%	0.373%
29	13.662	1952	1956	1966	rVB2	94584	163450	10.67%	1.444%
30	13.753	1966	1971	1974	rBV4	9908	15868	1.04%	0.140%
31	13.820	1979	1982	1988	rVB	24715	36301	2.37%	0.321%
32	13.887	1988	1993	1995	rBV	30534	50138	3.27%	0.443%
33	13.912	1995	1997	2002	rVB	33422	43639	2.85%	0.385%
34	13.973	2002	2007	2012	rVB	94068	139585	9.11%	1.233%

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35	14.076	2019	2024	2029	rVB3	41389	62159	4.06%	0.549%
36	14.210	2041	2046	2051	rBV	43818	68482	4.47%	0.605%
37	14.296	2051	2060	2063	rBV2	46555	83412	5.44%	0.737%
38	14.332	2063	2066	2071	rVV	102155	151818	9.91%	1.341%
39	14.381	2071	2074	2077	rVV2	17881	25946	1.69%	0.229%
40	14.418	2077	2080	2083	rVV3	11991	17799	1.16%	0.157%
41	14.454	2083	2086	2091	rVV5	14655	29608	1.93%	0.262%
42	14.564	2100	2104	2109	rVV2	29802	48471	3.16%	0.428%
43	14.613	2109	2112	2116	rVV	16110	26426	1.72%	0.233%
44	14.674	2116	2122	2130	rVV2	83510	178933	11.68%	1.580%
45	14.747	2130	2134	2139	rVB7	7806	15506	1.01%	0.137%
46	14.832	2144	2148	2152	rBV2	21815	34243	2.23%	0.302%
47	14.942	2161	2166	2170	rBV6	29124	53094	3.47%	0.469%
48	15.052	2179	2184	2194	rVB3	38553	94462	6.16%	0.834%
49	15.192	2202	2207	2209	rBV3	14438	23917	1.56%	0.211%
50	15.235	2209	2214	2219	rVB	48847	86828	5.67%	0.767%
51	15.296	2219	2224	2228	rBV5	13585	24465	1.60%	0.216%
52	15.350	2228	2233	2234	rBV4	11448	18096	1.18%	0.160%
53	15.466	2247	2252	2257	rBV4	9125	16385	1.07%	0.145%
54	15.582	2268	2271	2278	rVB9	7977	18725	1.22%	0.165%
55	15.692	2281	2289	2292	rBV6	21296	49161	3.21%	0.434%
56	15.728	2292	2295	2299	rBV4	11946	16100	1.05%	0.142%
57	15.814	2305	2309	2315	rVB9	11909	22294	1.45%	0.197%
58	16.033	2340	2345	2354	rVB10	17631	41465	2.71%	0.366%
59	16.295	2382	2388	2393	rBV2	17435	35450	2.31%	0.313%
60	16.484	2413	2419	2426	rBV4	22973	55329	3.61%	0.489%

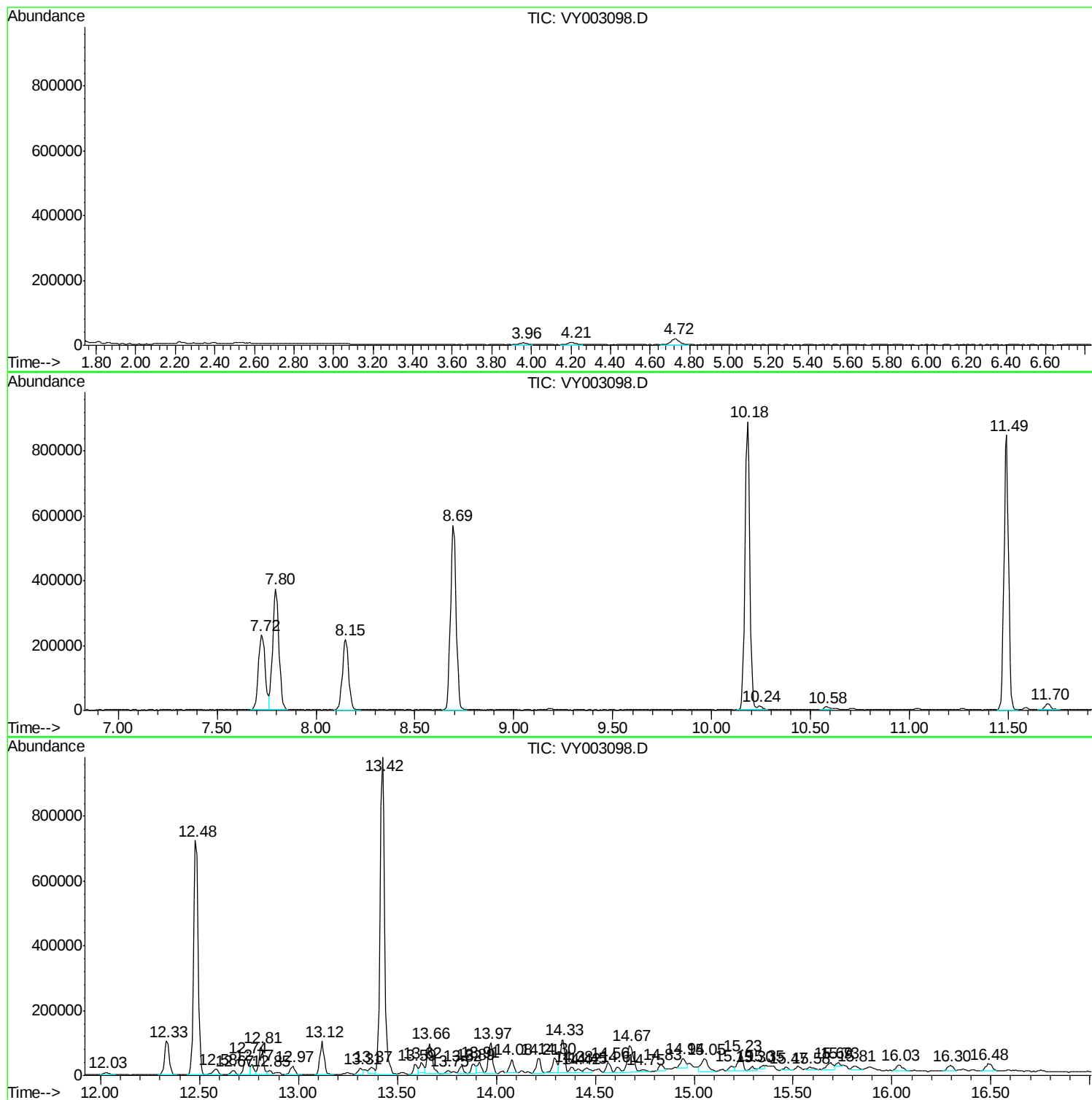
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Quant Title : SW846 8260

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



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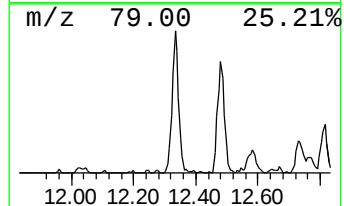
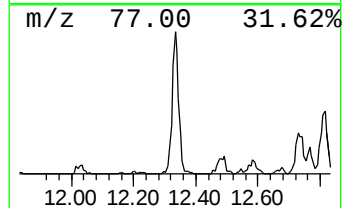
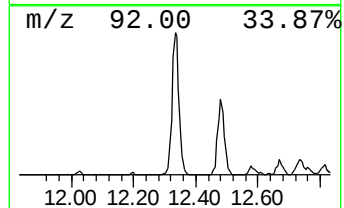
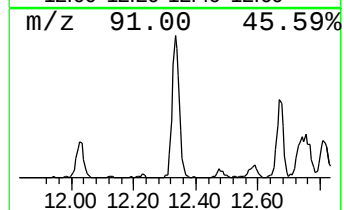
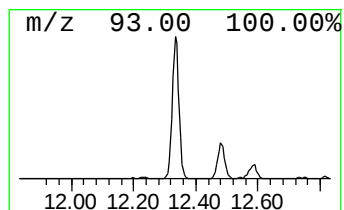
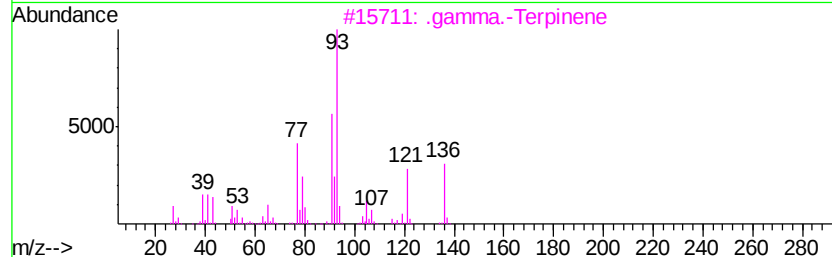
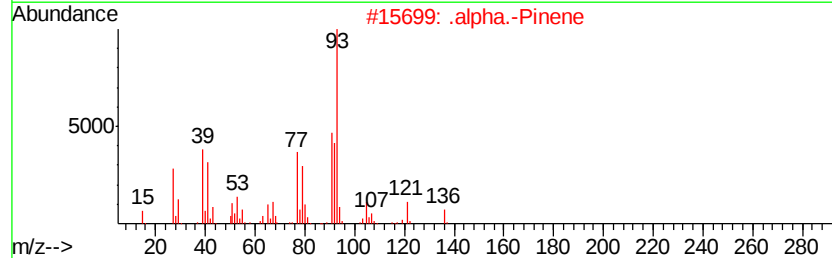
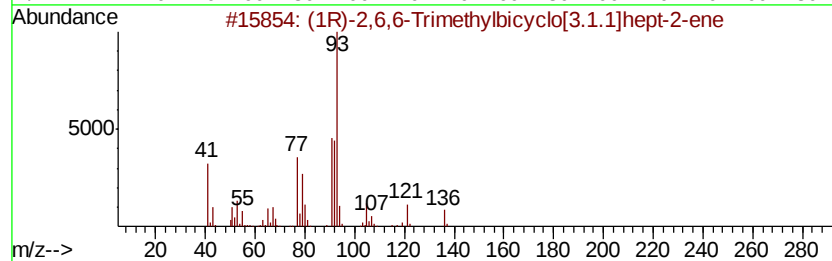
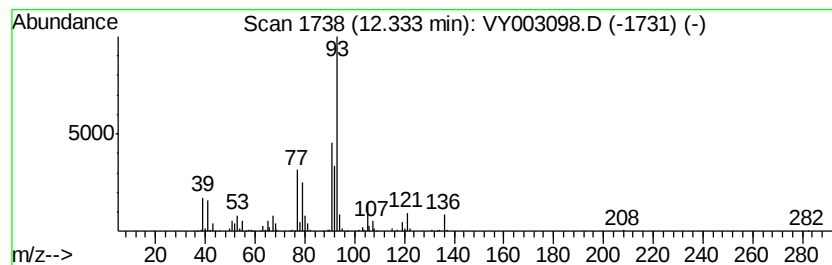
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.11 ug/l	170128	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		.gamma.-Terpinene	136	C10H16	000099-85-4	91
4		(+)-3-Carene	136	C10H16	000498-15-7	87
5		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	87



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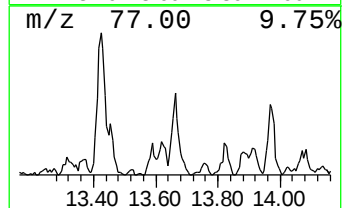
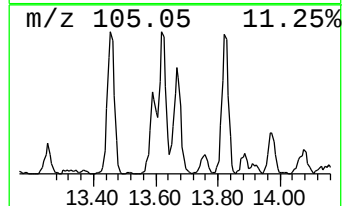
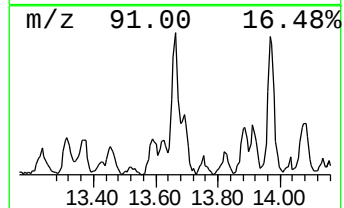
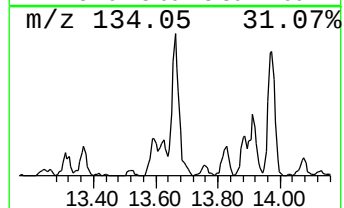
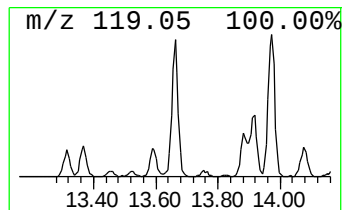
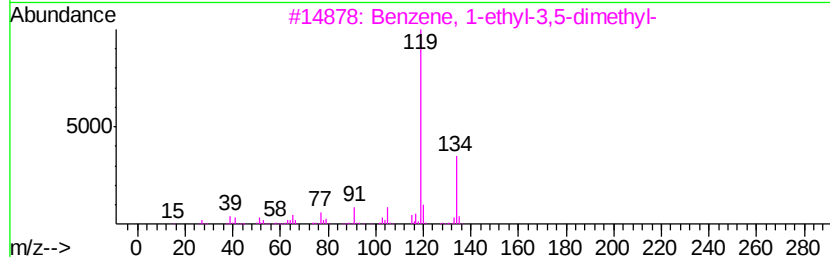
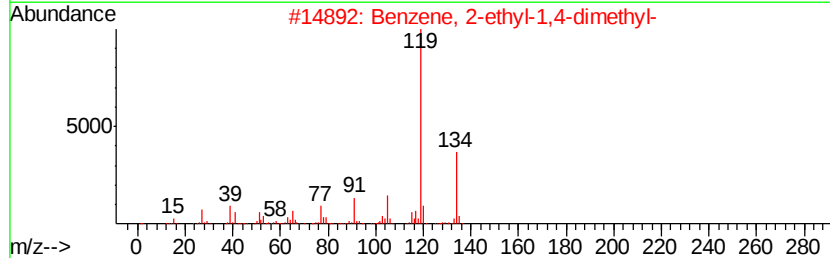
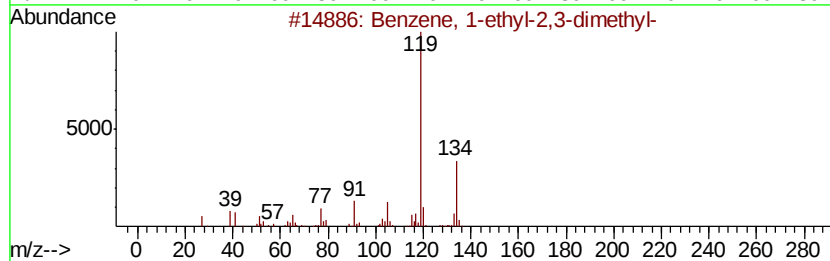
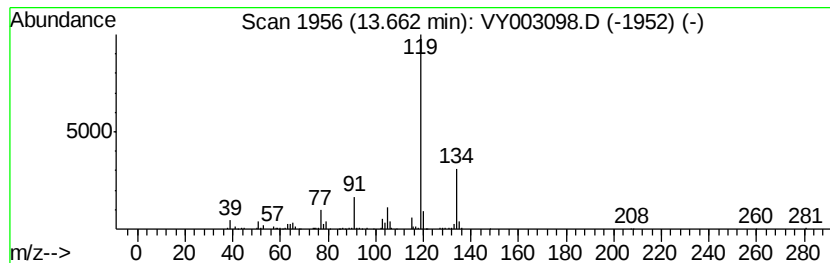
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Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.66	5.33 ug/l	163450	1,4-Dichlorobenzene-d4	13.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene,	2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene,	1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene,	4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene,	1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



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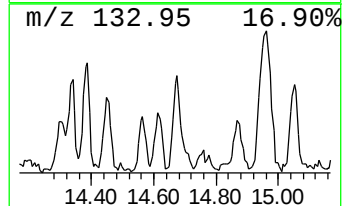
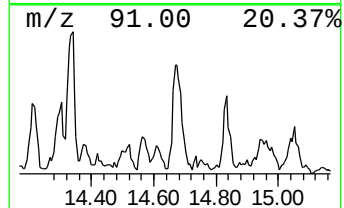
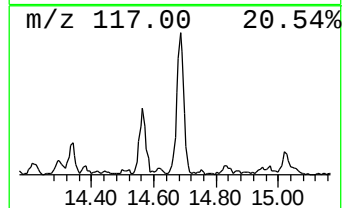
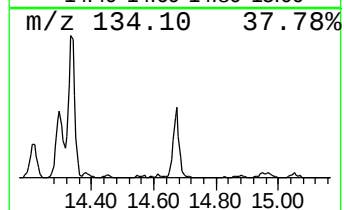
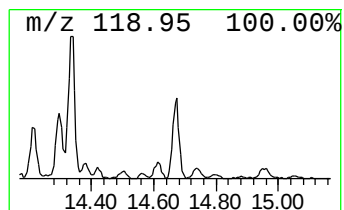
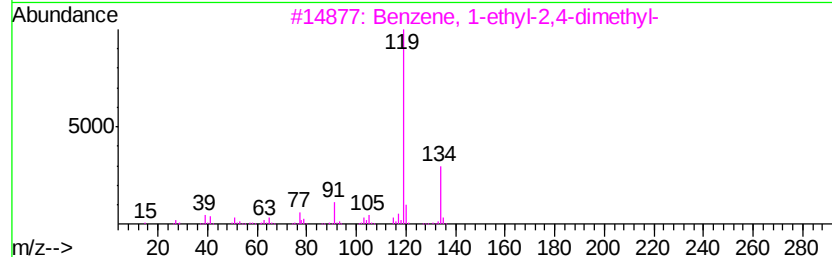
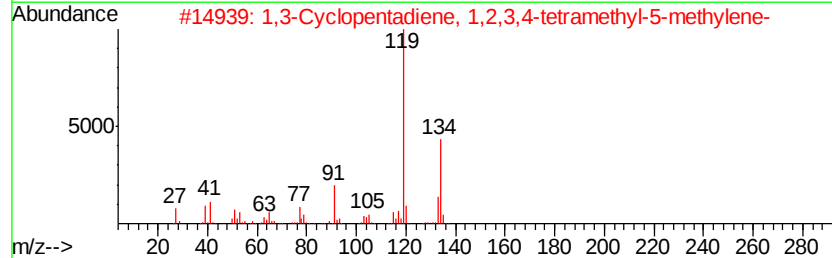
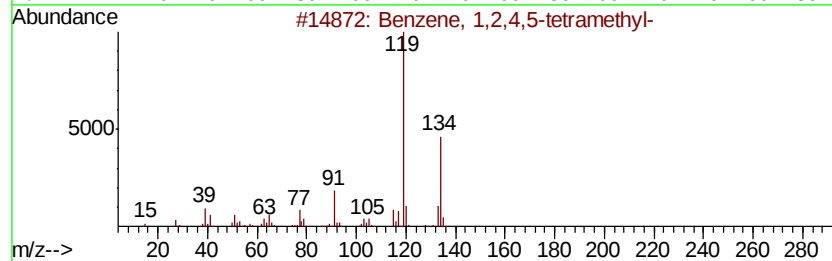
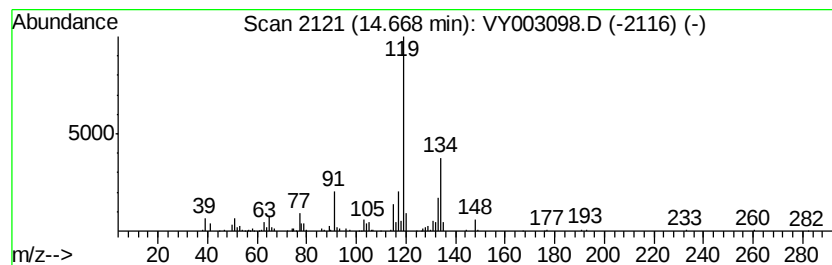
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Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.84 ug/l	178933	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58
5		o-Cymene	134	C10H14	000527-84-4	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.33	6.1	ug/l	170128	3	11.49	1392210	50.0
Benzene, 1-ethyl-...	13.66	5.3	ug/l	163450	4	13.42	1532240	50.0
Benzene, 1,2,4,5-...	14.67	5.8	ug/l	178933	4	13.42	1532240	50.0