

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003350.D
 Acq On : 24 Jul 2020 22:26
 Operator : SY/MD
 Sample : L3436-18
 Misc : 6.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18

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\82Y071020S.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	4.724	479	490	506	rBV	92725	294262	14.06%	2.145%
2	5.754	650	659	666	rBV5	8116	24630	1.18%	0.180%
3	7.724	970	982	988	rBV	298048	721617	34.48%	5.261%
4	7.797	988	994	1006	rVB	529006	1193794	57.04%	8.703%
5	8.150	1040	1052	1062	rBV	279604	625941	29.91%	4.563%
6	8.693	1131	1141	1153	rBV	787576	1536359	73.41%	11.201%
7	10.180	1377	1385	1392	rBV	1229617	2092891	100.00%	15.258%
8	10.241	1392	1395	1402	rVB2	11230	21911	1.05%	0.160%
9	10.577	1444	1450	1456	rBV	10740	21095	1.01%	0.154%
10	11.491	1591	1600	1607	rBV	1043992	1735247	82.91%	12.651%
11	11.589	1611	1616	1625	rVB	18770	34951	1.67%	0.255%
12	11.692	1628	1633	1644	rBV3	15059	42393	2.03%	0.309%
13	12.028	1677	1688	1696	rBV4	19906	52502	2.51%	0.383%
14	12.332	1731	1738	1744	rBV	60796	100716	4.81%	0.734%
15	12.479	1755	1762	1770	rBV	795794	1232615	58.90%	8.986%
16	12.729	1797	1803	1806	rBV	29508	47946	2.29%	0.350%
17	12.808	1812	1816	1825	rVB	55345	82591	3.95%	0.602%
18	12.887	1825	1829	1835	rVB3	14777	26497	1.27%	0.193%
19	12.973	1835	1843	1847	rBV	36977	62325	2.98%	0.454%
20	13.119	1862	1867	1871	rBV	37330	62060	2.97%	0.452%
21	13.180	1872	1877	1881	rVB4	22841	39900	1.91%	0.291%
22	13.314	1892	1899	1901	rBV3	24660	44923	2.15%	0.328%
23	13.363	1905	1907	1911	rVV	24267	31676	1.51%	0.231%
24	13.424	1911	1917	1927	rVB	815258	1369196	65.42%	9.982%
25	13.588	1940	1944	1946	rBV3	20887	32019	1.53%	0.233%
26	13.619	1946	1949	1953	rVV	54575	93184	4.45%	0.679%
27	13.661	1953	1956	1965	rVV2	62126	106453	5.09%	0.776%
28	13.747	1965	1970	1975	rVV6	27958	48364	2.31%	0.353%
29	13.820	1977	1982	1987	rVV2	25039	37206	1.78%	0.271%
30	13.881	1988	1992	1994	rVV2	18241	27567	1.32%	0.201%
31	13.911	1994	1997	2001	rVV	26847	39008	1.86%	0.284%
32	13.966	2001	2006	2011	rVB2	90477	137462	6.57%	1.002%
33	14.076	2019	2024	2031	rBV	75892	146359	6.99%	1.067%
34	14.210	2041	2046	2050	rBV2	31918	47364	2.26%	0.345%

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Integration Parameters: RTEINT.P

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 Peak Location: TOP

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35	14.296	2056	2060	2063	rVV2	45662	73353	3.50%	0.535%
36	14.332	2063	2066	2070	rVB	68706	88433	4.23%	0.645%
37	14.381	2070	2074	2077	rBV2	34388	52446	2.51%	0.382%
38	14.417	2077	2080	2083	rBV4	19483	25424	1.21%	0.185%
39	14.515	2093	2096	2100	rVB2	19638	26340	1.26%	0.192%
40	14.564	2100	2104	2108	rBV3	26634	44677	2.13%	0.326%
41	14.613	2108	2112	2116	rVB2	28841	43337	2.07%	0.316%
42	14.674	2116	2122	2129	rBV3	127725	281950	13.47%	2.056%
43	14.741	2129	2133	2139	rBV4	27222	45434	2.17%	0.331%
44	14.832	2143	2148	2152	rBV	48894	74389	3.55%	0.542%
45	14.942	2161	2166	2169	rBV4	48051	75467	3.61%	0.550%
46	15.051	2178	2184	2194	rVB3	57480	137458	6.57%	1.002%
47	15.228	2211	2213	2218	rVB3	15649	23303	1.11%	0.170%
48	15.289	2218	2223	2227	rBV3	24364	42208	2.02%	0.308%
49	15.344	2227	2232	2235	rBV3	25668	47674	2.28%	0.348%
50	15.527	2256	2262	2267	rBV3	25486	50820	2.43%	0.370%
51	15.692	2280	2289	2290	rBV5	26945	58802	2.81%	0.429%
52	15.820	2304	2310	2315	rBV6	20643	45108	2.16%	0.329%
53	15.887	2315	2321	2326	rVB5	14722	33040	1.58%	0.241%
54	16.027	2337	2344	2350	rBV5	30886	68546	3.28%	0.500%
55	16.222	2367	2376	2382	rBV8	22120	54868	2.62%	0.400%
56	16.289	2382	2387	2392	rBV2	23654	43900	2.10%	0.320%
57	16.490	2413	2420	2427	rBV5	26794	66670	3.19%	0.486%

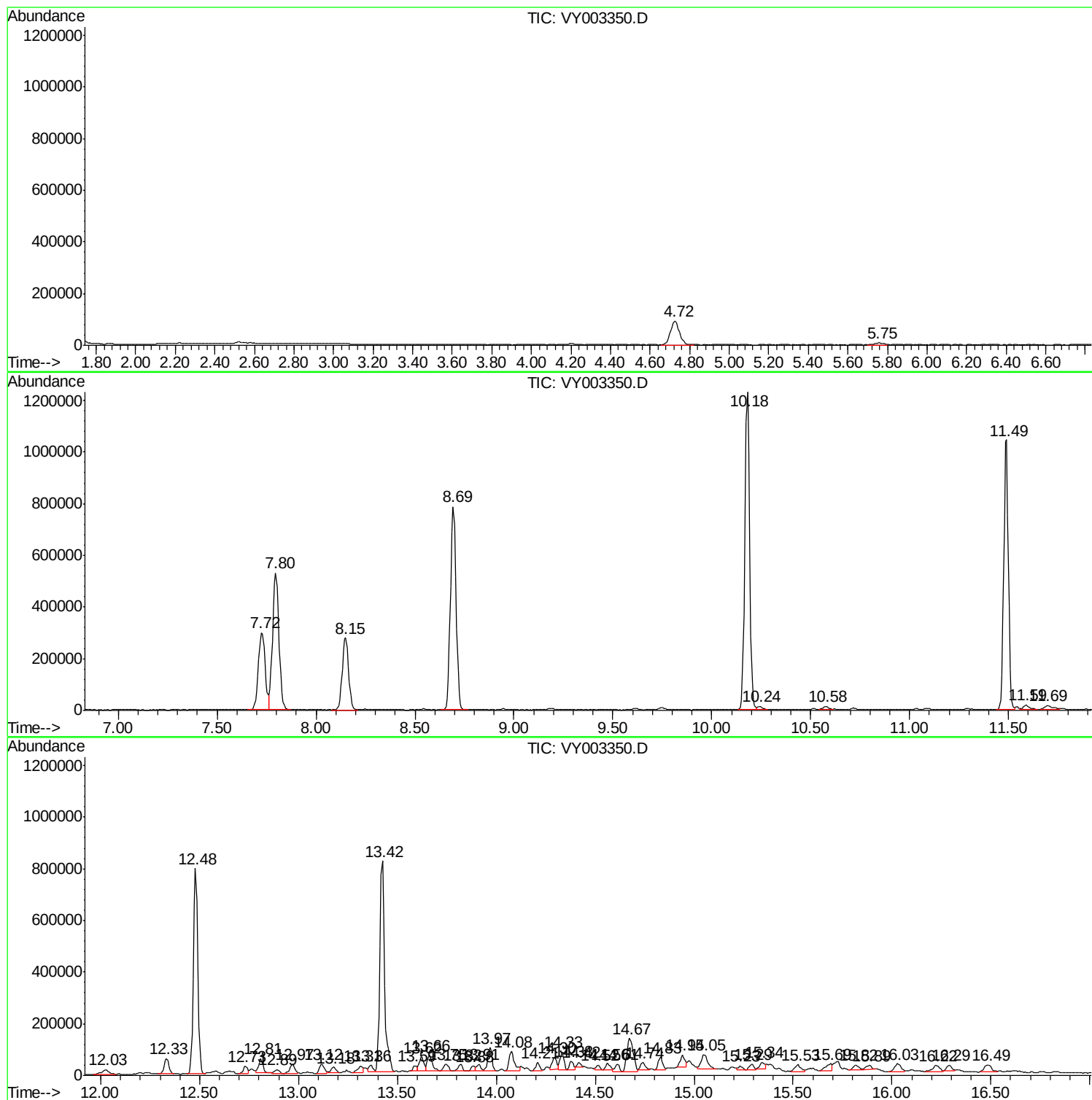
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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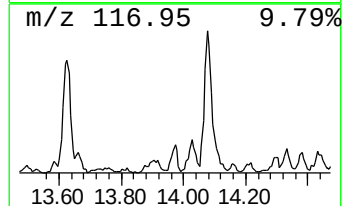
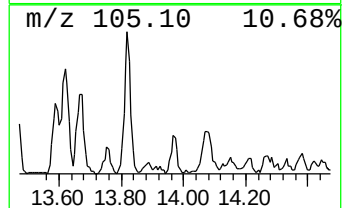
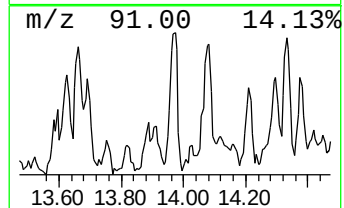
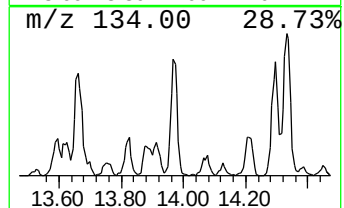
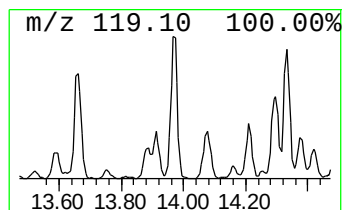
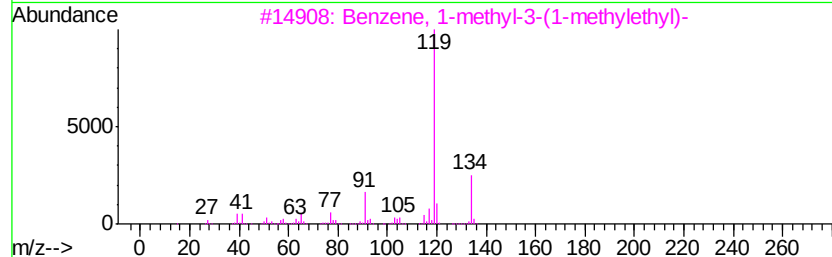
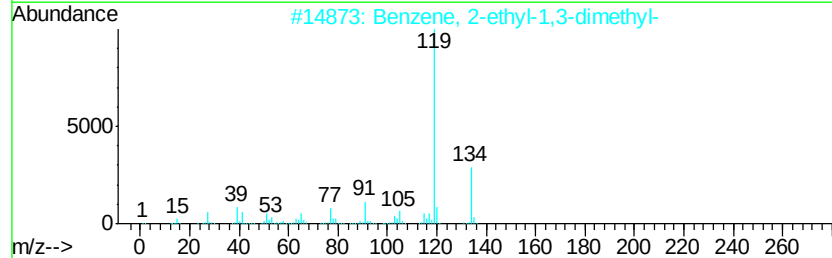
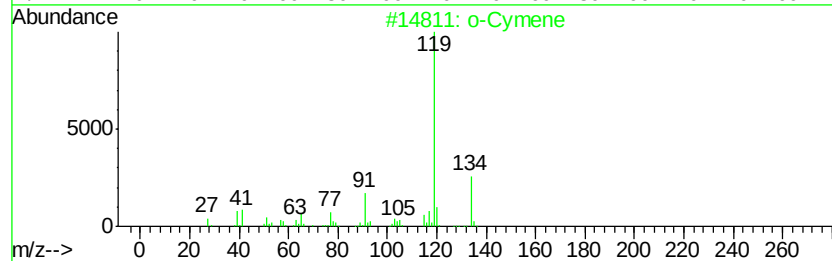
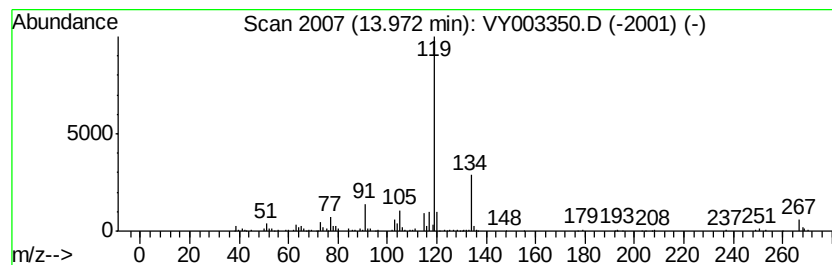
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260

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

Peak Number 1 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.97	5.02 ug/l	137462	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81



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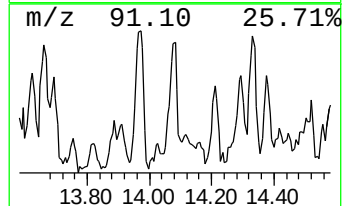
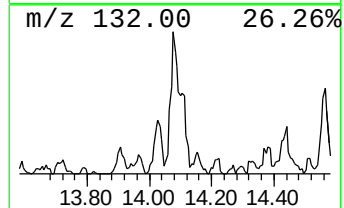
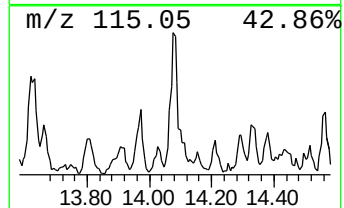
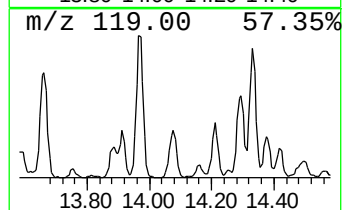
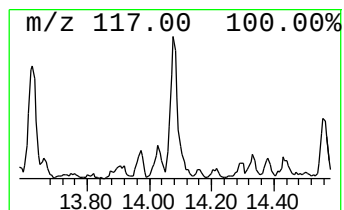
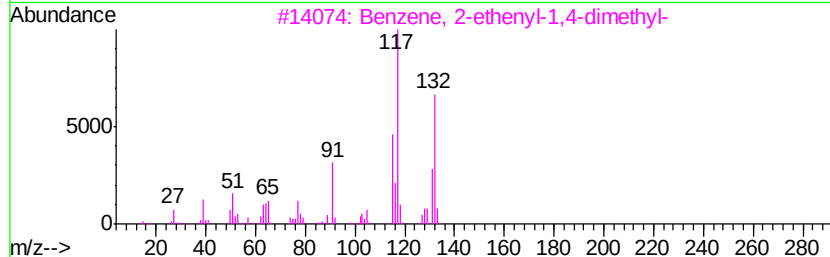
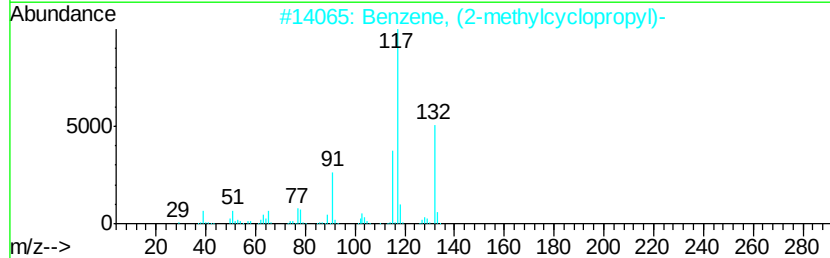
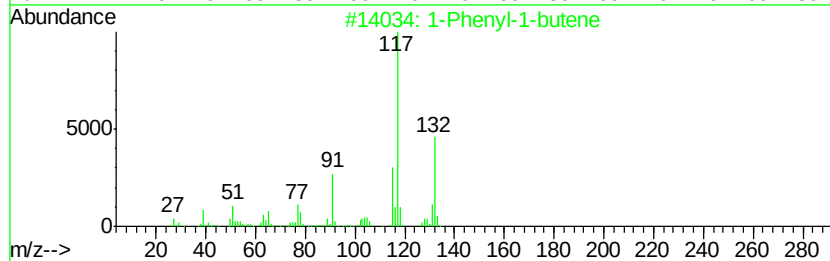
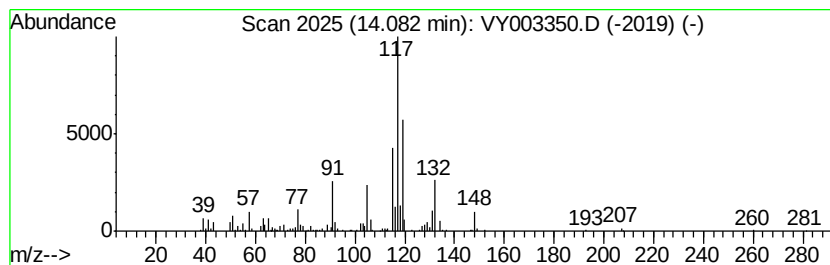
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260

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

Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	5.34 ug/l	146359	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Phenyl-1-butene	132 C10H12	000824-90-8	58
2	Benzene, (2-methylcyclopropyl)-	132 C10H12	1000327-39-0	49
3	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	47
4	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	43
5	Benzene, 1-pentenyl-	146 C11H14	000826-18-6	43



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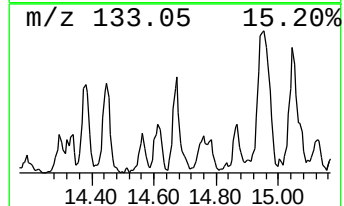
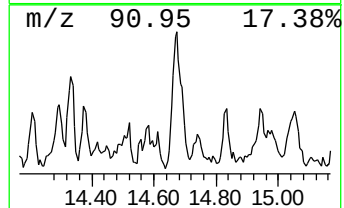
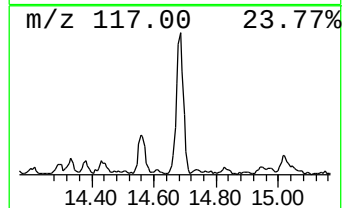
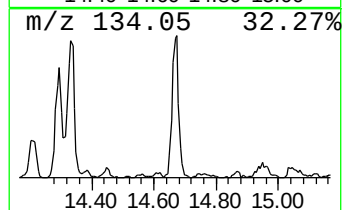
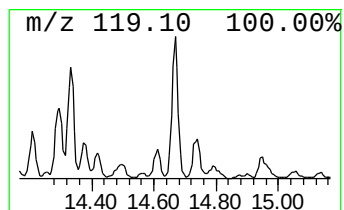
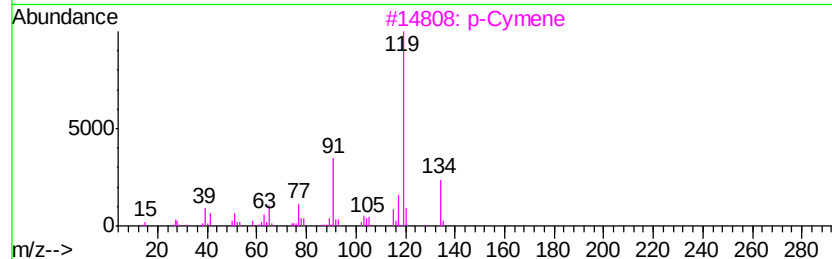
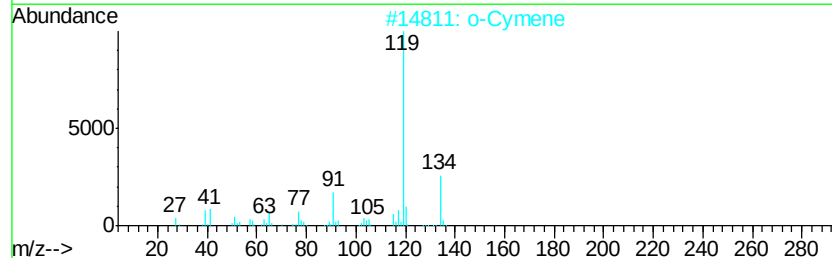
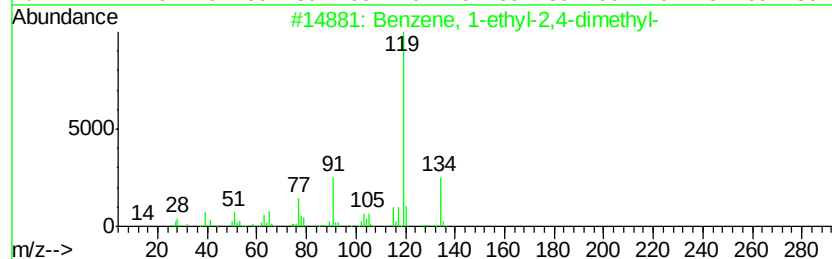
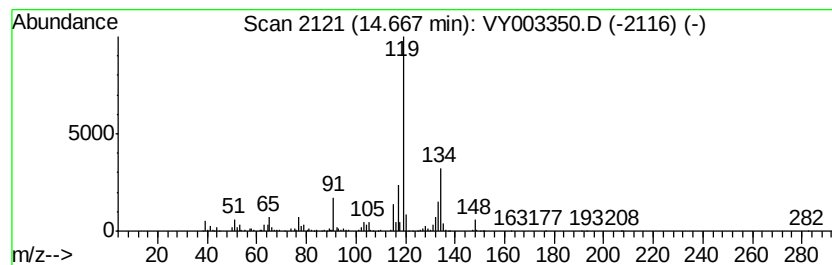
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	10.30 ug/l	281950	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
2		o-Cymene	134	C10H14	000527-84-4	55
3		p-Cymene	134	C10H14	000099-87-6	55
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53



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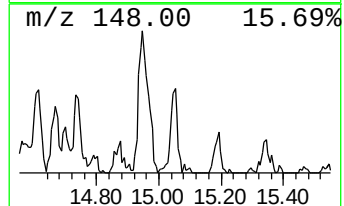
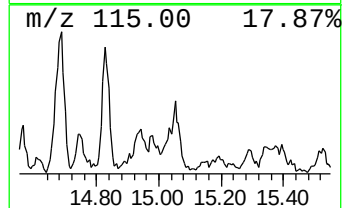
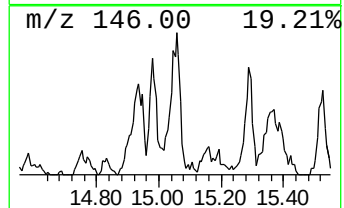
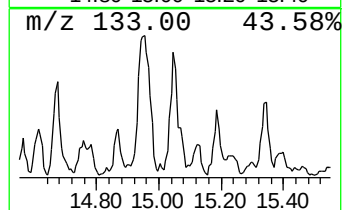
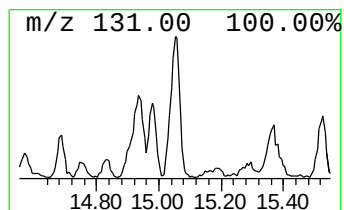
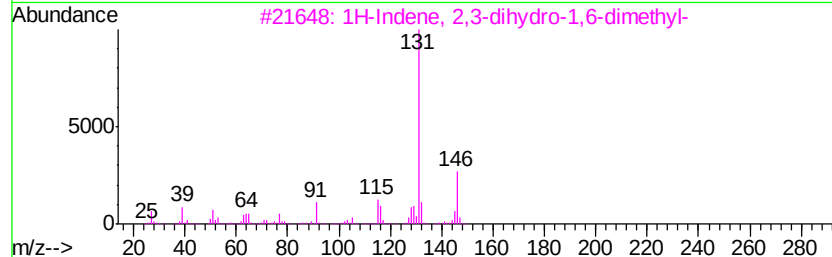
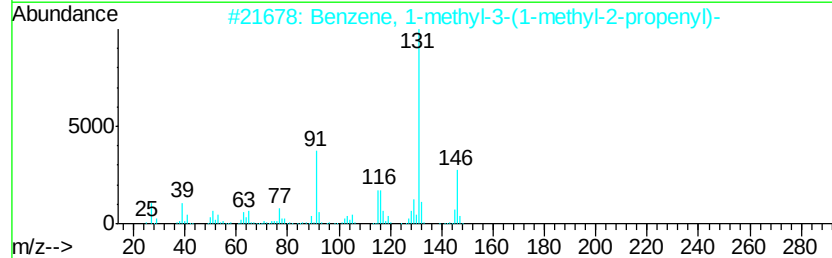
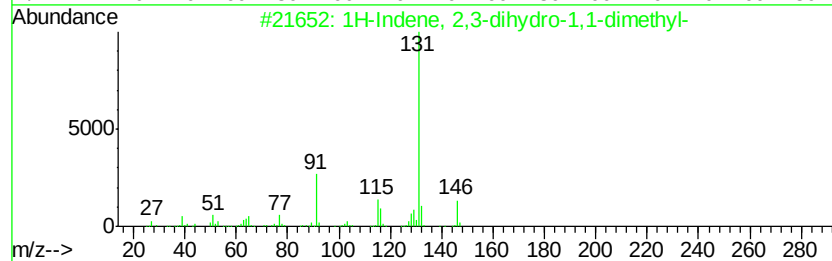
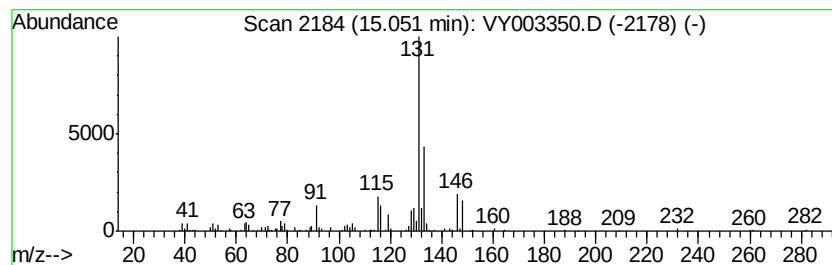
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.02 ug/l	137458	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9	92
2	Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6	70
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	70
4	Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
o-Cymene	13.97	5.0	ug/l	137462	4	13.42	1369200	50.0
1-Phenyl-1-butene	14.08	5.3	ug/l	146359	4	13.42	1369200	50.0
Benzene, 1-ethyl-...	14.67	10.3	ug/l	281950	4	13.42	1369200	50.0
1H-Indene, 2,3-di...	15.05	5.0	ug/l	137458	4	13.42	1369200	50.0