

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002344.D
 Acq On : 15 Apr 2020 17:57
 Operator : SY/MD
 Sample : L2281-03
 Misc : 6.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-37

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\82Y040820S.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	3.969	356	366	377	rBV2	4415	12428	1.47%	0.226%
2	4.737	482	492	500	rBV4	3998	11864	1.41%	0.216%
3	7.730	971	983	989	rBV	102650	247490	29.36%	4.505%
4	7.803	989	995	1008	rVB	183363	407787	48.38%	7.423%
5	8.157	1041	1053	1066	rVB	102338	223322	26.50%	4.065%
6	8.699	1133	1142	1155	rVB	307329	602692	71.51%	10.970%
7	10.187	1378	1386	1395	rBV	494884	842823	100.00%	15.341%
8	11.498	1592	1601	1609	rBV	447801	711560	84.43%	12.952%
9	11.705	1628	1635	1641	rBV	8010	16647	1.98%	0.303%
10	12.034	1684	1689	1695	rVB2	7396	12825	1.52%	0.233%
11	12.491	1755	1764	1772	rBV	306967	509631	60.47%	9.276%
12	12.741	1795	1805	1808	rBV	34460	57560	6.83%	1.048%
13	12.772	1808	1810	1814	rVV	18887	27334	3.24%	0.498%
14	12.821	1814	1818	1827	rVB	34795	51773	6.14%	0.942%
15	12.979	1837	1844	1849	rBV	21420	33196	3.94%	0.604%
16	13.125	1862	1868	1874	rBV	69061	104922	12.45%	1.910%
17	13.321	1893	1900	1905	rBV3	4470	9158	1.09%	0.167%
18	13.430	1912	1918	1930	rVB2	384809	664953	78.90%	12.103%
19	13.601	1939	1946	1947	rBV	11224	15288	1.81%	0.278%
20	13.631	1947	1951	1954	rVV2	35652	49898	5.92%	0.908%
21	13.674	1954	1958	1966	rVB2	40514	71824	8.52%	1.307%
22	13.766	1967	1973	1977	rBV5	4459	8601	1.02%	0.157%
23	13.827	1977	1983	1988	rBV	10614	16072	1.91%	0.293%
24	13.894	1989	1994	1997	rBV2	26991	50546	6.00%	0.920%
25	13.979	2003	2008	2014	rVB	52868	77072	9.14%	1.403%
26	14.089	2021	2026	2031	rVB2	26102	40380	4.79%	0.735%
27	14.223	2043	2048	2052	rBV	14081	22235	2.64%	0.405%
28	14.302	2052	2061	2064	rBV	27722	45997	5.46%	0.837%
29	14.345	2064	2068	2072	rVV	47435	68839	8.17%	1.253%
30	14.387	2072	2075	2078	rVV2	11892	16917	2.01%	0.308%
31	14.424	2078	2081	2087	rVB4	8848	12765	1.51%	0.232%
32	14.528	2094	2098	2101	rBV5	7410	10901	1.29%	0.198%
33	14.570	2101	2105	2110	rVV	30881	47445	5.63%	0.864%
34	14.619	2111	2113	2118	rVB2	11295	14155	1.68%	0.258%

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Integration Parameters: RTEINT.P

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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.692	2118	2125	2131	rBV3	57851	122296	14.51%	2.226%
36	14.747	2131	2134	2141	rVB2	9613	14238	1.69%	0.259%
37	14.845	2145	2150	2154	rBV3	6079	10264	1.22%	0.187%
38	14.954	2163	2168	2171	rBV4	17270	28419	3.37%	0.517%
39	15.064	2180	2186	2193	rVB3	18241	39723	4.71%	0.723%
40	15.247	2205	2216	2220	rBV	15482	32754	3.89%	0.596%
41	15.357	2229	2234	2238	rBV6	8442	13401	1.59%	0.244%
42	15.406	2238	2242	2247	rVB2	8052	12885	1.53%	0.235%
43	15.534	2258	2263	2271	rBV	10944	19903	2.36%	0.362%
44	15.704	2282	2291	2295	rBV7	7545	22461	2.66%	0.409%
45	15.899	2317	2323	2329	rBV6	5450	10625	1.26%	0.193%
46	16.302	2384	2389	2395	rVB3	13666	25662	3.04%	0.467%
47	16.503	2414	2422	2430	rBV2	10671	24363	2.89%	0.443%

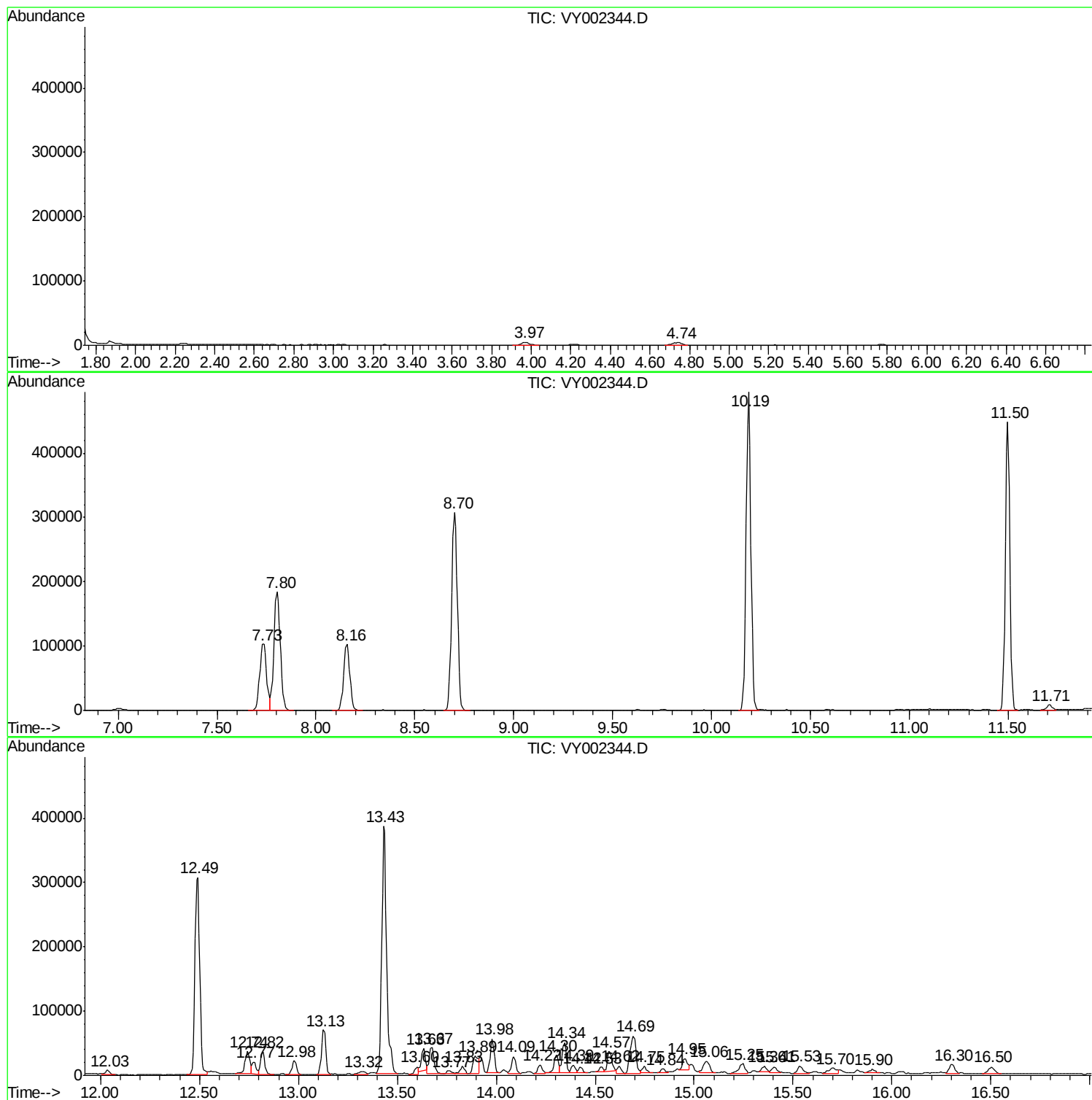
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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



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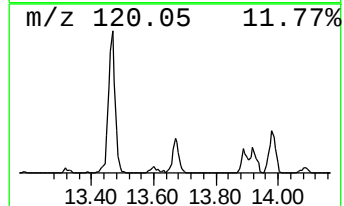
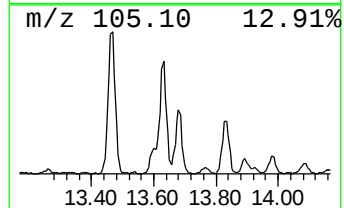
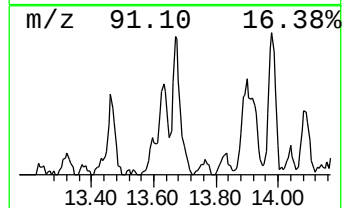
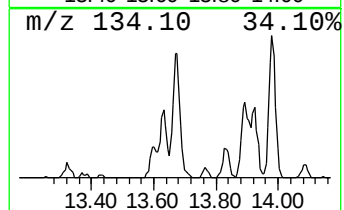
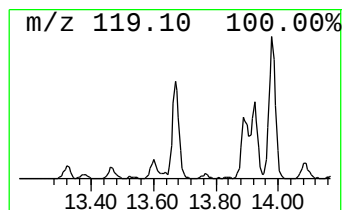
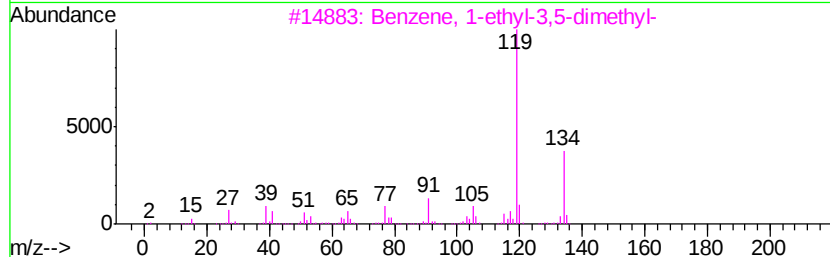
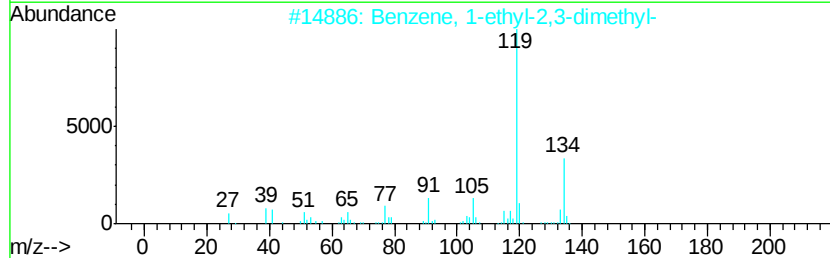
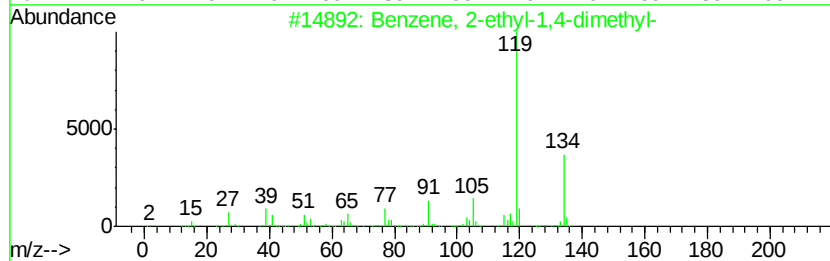
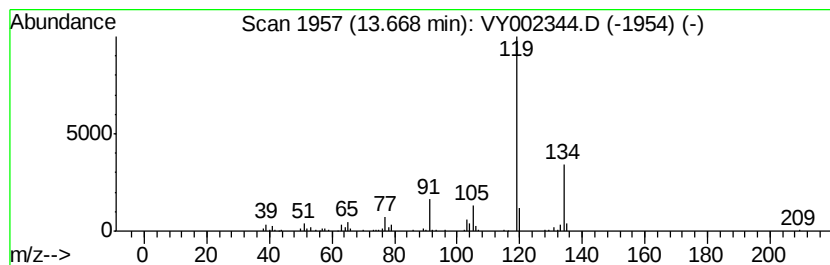
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.40 ug/l	71824	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



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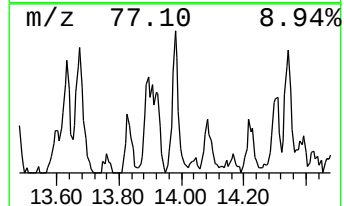
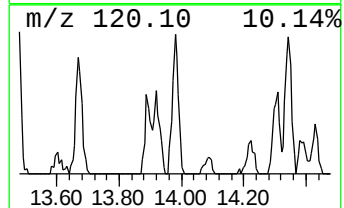
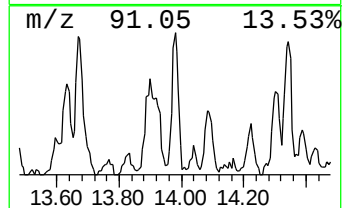
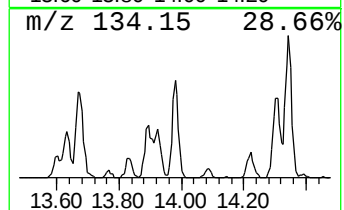
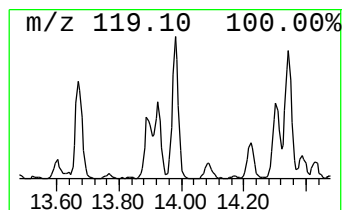
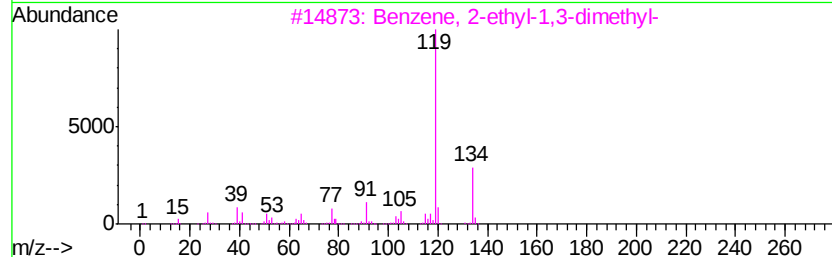
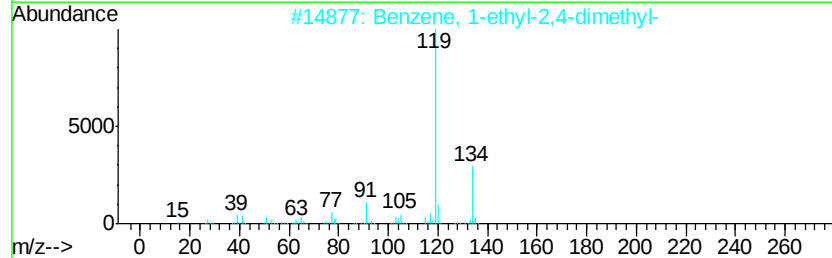
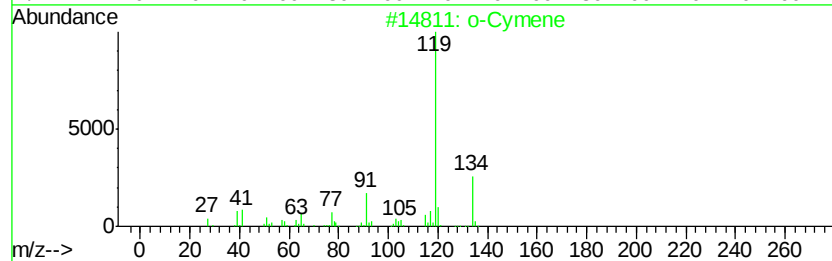
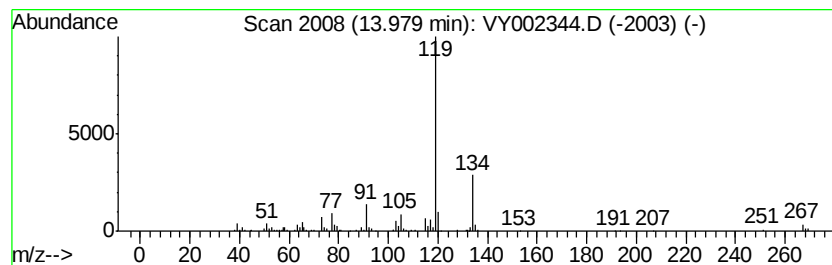
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.80 ug/l	77072	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



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Misc : 6.99G/5ML/MSVOA Y/SOIL
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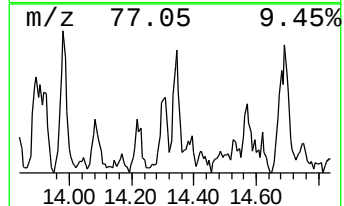
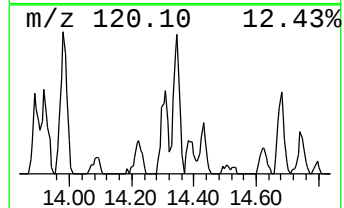
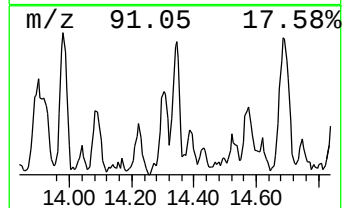
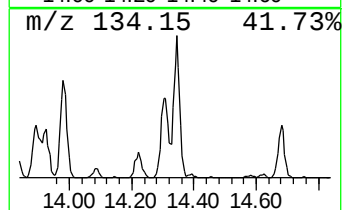
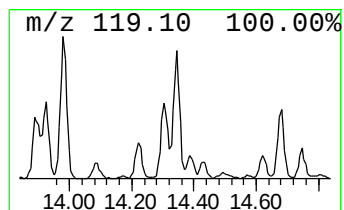
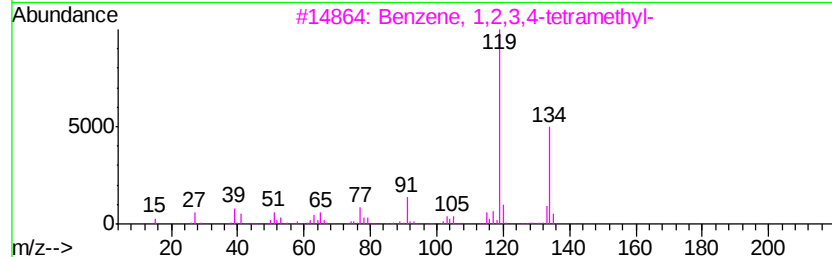
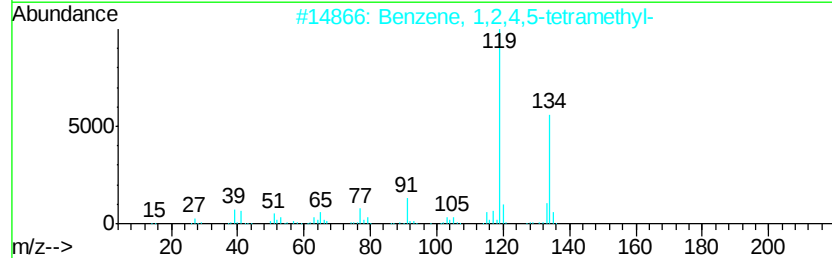
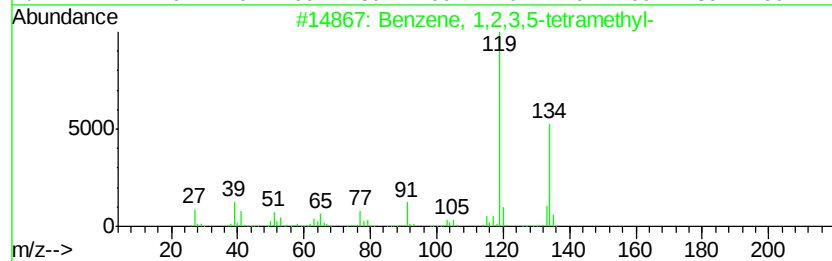
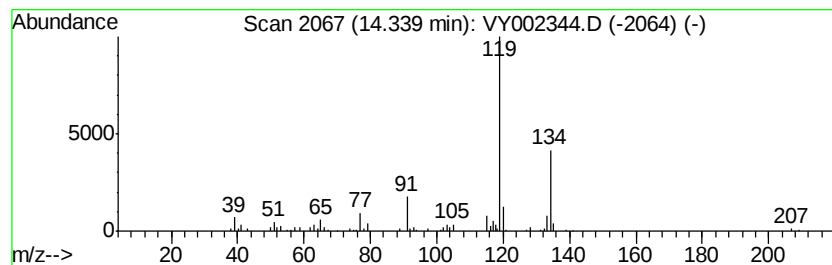
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.18 ug/l	68839	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



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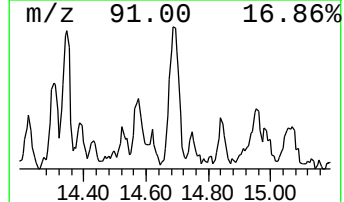
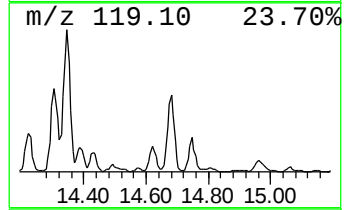
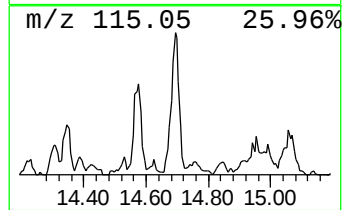
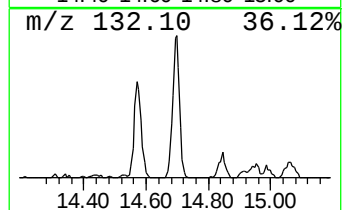
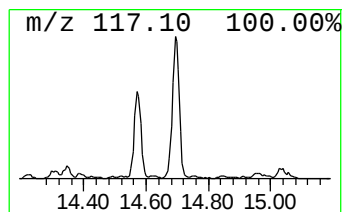
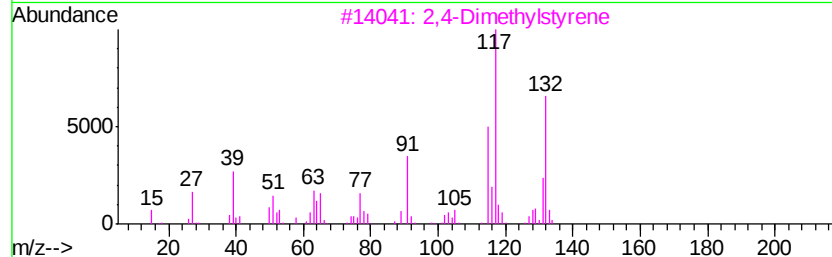
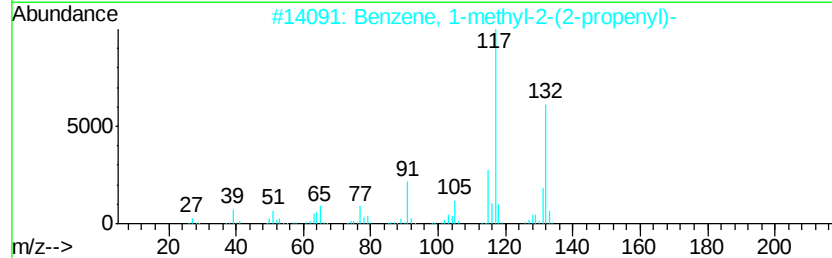
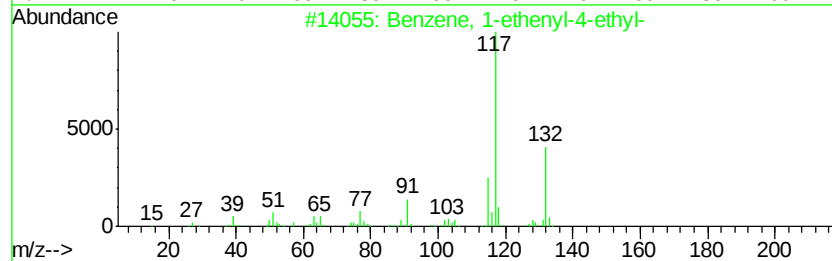
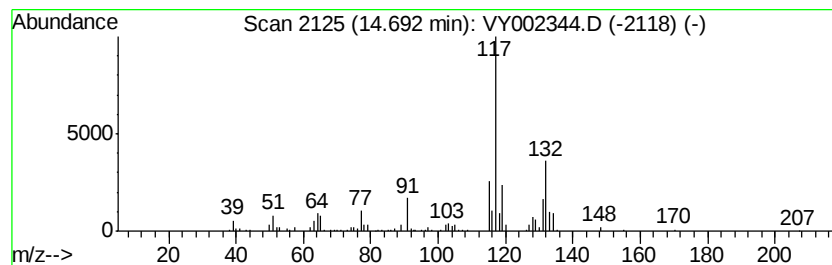
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.20 ug/l	122296	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5		Indan, 1-methyl-	132	C10H12	000767-58-8	76



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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 2-ethyl-...	13.67	5.4	ug/l	71824	4	13.44	664953	50.0
o-Cymene	13.98	5.8	ug/l	77072	4	13.44	664953	50.0
Benzene, 1,2,3,5-...	14.34	5.2	ug/l	68839	4	13.44	664953	50.0
Benzene, 1-etheny...	14.69	9.2	ug/l	122296	4	13.44	664953	50.0