

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061328.D
 Acq On : 10 Jan 2019 6:04
 Operator : VA/AP
 Sample : K1006-19
 Misc : 6.97g/5mL/MSVOA-F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-010819-J

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_F\METHODS\82F010819S.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	1.071	41	45	46	rBV	5801	9375	1.41%	0.182%
2	2.186	154	158	161	rBV2	7234	17646	2.66%	0.343%
3	3.044	243	245	252	rVB3	4925	11076	1.67%	0.215%
4	4.129	346	355	366	rBV	92812	278257	41.95%	5.407%
5	4.879	423	431	446	rBV3	175612	622781	93.89%	12.101%
6	5.609	499	505	515	rBV	194668	527484	79.52%	10.250%
7	7.562	698	703	715	rVB	227069	543066	81.87%	10.552%
8	9.791	923	929	938	rBV	259521	589842	88.92%	11.461%
9	11.419	1090	1094	1102	rBV	262645	456897	68.88%	8.878%
10	11.567	1105	1109	1112	rVB3	4071	6825	1.03%	0.133%
11	11.725	1122	1125	1129	rVV2	8373	17181	2.59%	0.334%
12	11.833	1133	1136	1139	rVB2	10093	15125	2.28%	0.294%
13	12.030	1154	1156	1159	rVB	12328	17166	2.59%	0.334%
14	12.218	1170	1175	1179	rBV4	8782	17572	2.65%	0.341%
15	12.435	1194	1197	1199	rVV4	6956	12227	1.84%	0.238%
16	12.464	1199	1200	1206	rVB5	4083	7456	1.12%	0.145%
17	12.563	1206	1210	1214	rBV	394890	663327	100.00%	12.889%
18	12.612	1214	1215	1222	rVB	36293	51745	7.80%	1.005%
19	12.731	1224	1227	1230	rBV2	18494	34380	5.18%	0.668%
20	12.780	1230	1232	1234	rVV	17648	24466	3.69%	0.475%
21	12.839	1234	1238	1242	rVB2	24934	49034	7.39%	0.953%
22	12.938	1244	1248	1252	rBV5	7049	16546	2.49%	0.322%
23	13.017	1253	1256	1259	rVB	14565	22399	3.38%	0.435%
24	13.106	1259	1265	1268	rBV3	16042	40037	6.04%	0.778%
25	13.165	1268	1271	1276	rBV2	25808	59552	8.98%	1.157%
26	13.234	1276	1278	1283	rVB2	15935	31947	4.82%	0.621%
27	13.293	1283	1284	1288	rVB4	6401	10150	1.53%	0.197%
28	13.392	1291	1294	1296	rBV3	7665	10539	1.59%	0.205%
29	13.431	1296	1298	1302	rBV2	10725	19230	2.90%	0.374%
30	13.510	1303	1306	1308	rBV	14078	19130	2.88%	0.372%
31	13.549	1308	1310	1312	rBV	22457	33437	5.04%	0.650%
32	13.589	1312	1314	1316	rVB2	8935	12645	1.91%	0.246%
33	13.717	1323	1327	1330	rBV2	39414	68214	10.28%	1.325%
34	13.766	1330	1332	1335	rVB2	9584	14572	2.20%	0.283%

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35	13.816	1335	1337	1339	rBV	8929	13655	2.06%	0.265%
36	13.865	1339	1342	1346	rBV2	69692	124686	18.80%	2.423%
37	13.924	1346	1348	1351	rVB3	16027	25814	3.89%	0.502%
38	13.983	1351	1354	1357	rBV	43696	67289	10.14%	1.308%
39	14.062	1359	1362	1363	rBV3	6775	12049	1.82%	0.234%
40	14.092	1363	1365	1367	rVB	15655	21748	3.28%	0.423%
41	14.161	1367	1372	1375	rBV5	26463	61203	9.23%	1.189%
42	14.220	1376	1378	1385	rVB2	26747	49951	7.53%	0.971%
43	14.418	1395	1398	1401	rBV4	25434	44289	6.68%	0.861%
44	14.467	1401	1403	1406	rBV3	16966	27817	4.19%	0.541%
45	14.605	1415	1417	1420	rVB2	18918	22550	3.40%	0.438%
46	14.644	1420	1421	1423	rBV	84035	57847	8.72%	1.124%
47	14.743	1428	1431	1436	rVB	49281	79680	12.01%	1.548%
48	14.842	1438	1441	1442	rBV2	5192	7876	1.19%	0.153%
49	14.891	1442	1446	1449	rVB6	13494	28993	4.37%	0.563%
50	14.999	1455	1457	1461	rBV	33876	56283	8.48%	1.094%
51	15.118	1466	1469	1471	rBV3	27941	42101	6.35%	0.818%
52	15.276	1484	1485	1489	rBV2	4400	8449	1.27%	0.164%
53	15.355	1489	1493	1497	rVV5	10915	28609	4.31%	0.556%
54	15.414	1497	1499	1502	rVB4	5528	8089	1.22%	0.157%
55	15.651	1519	1523	1527	rBV2	13751	26058	3.93%	0.506%

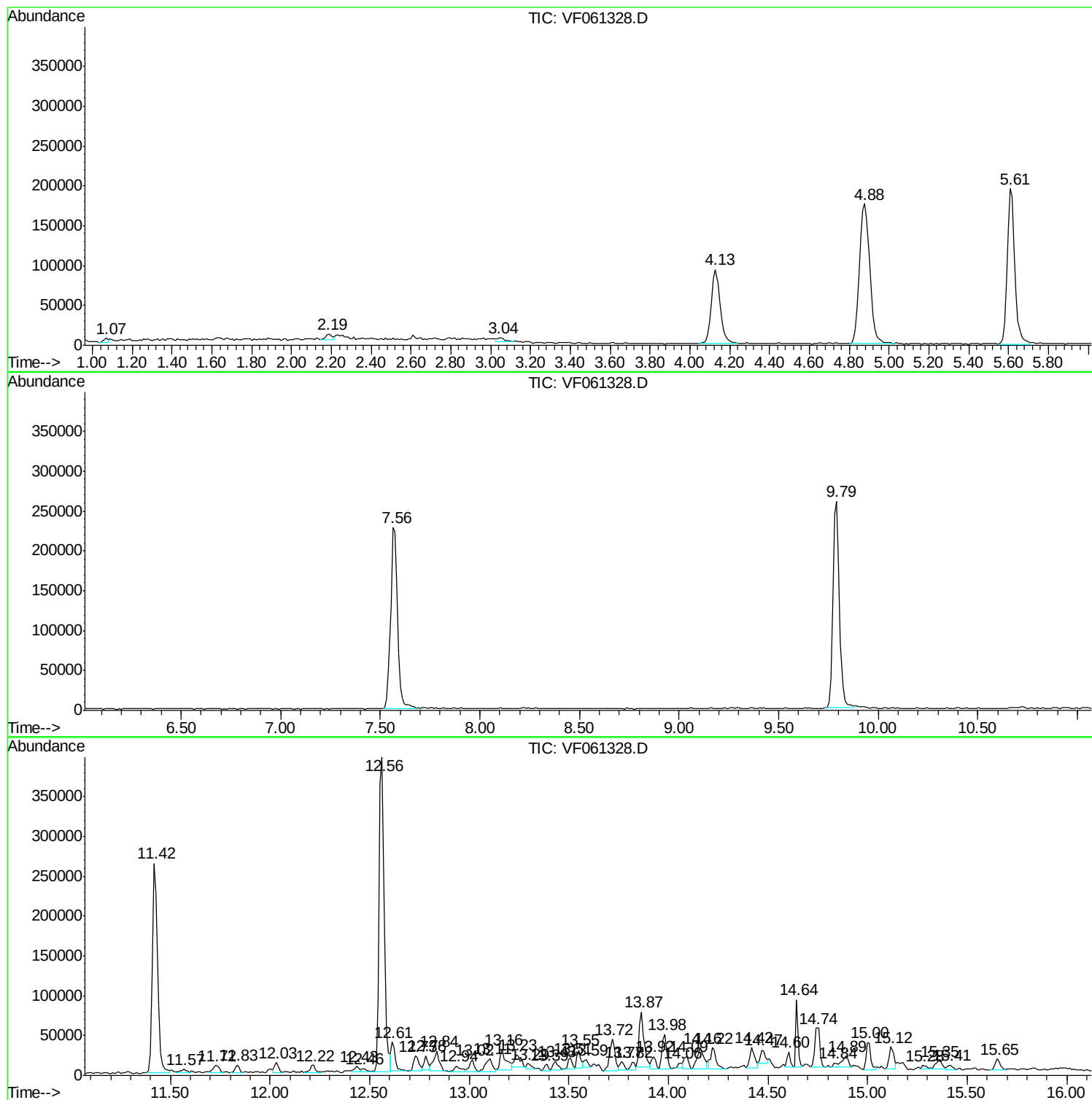
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260

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



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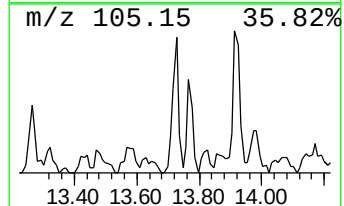
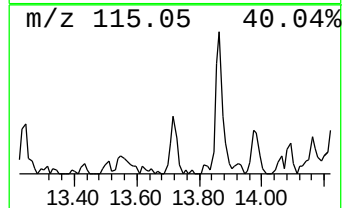
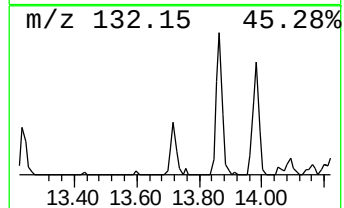
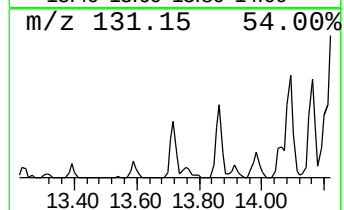
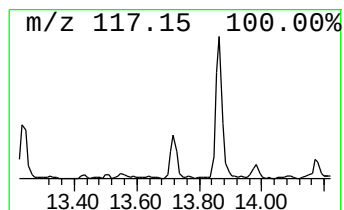
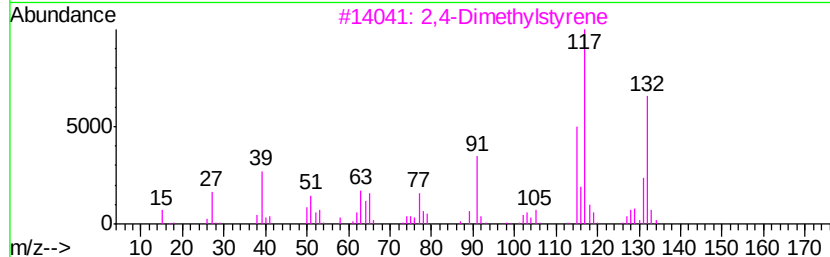
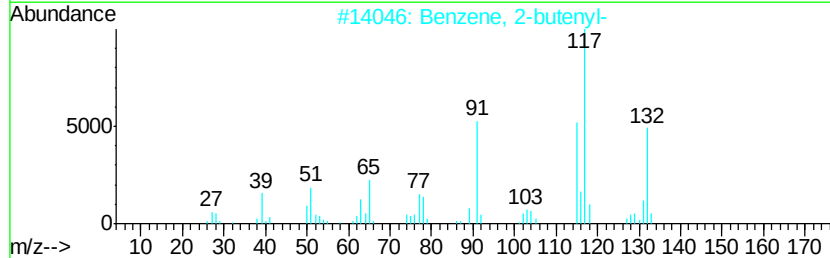
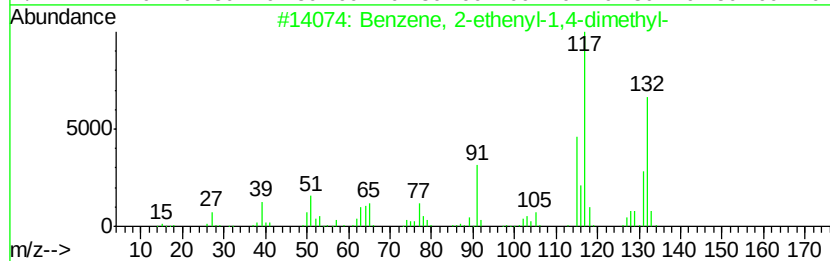
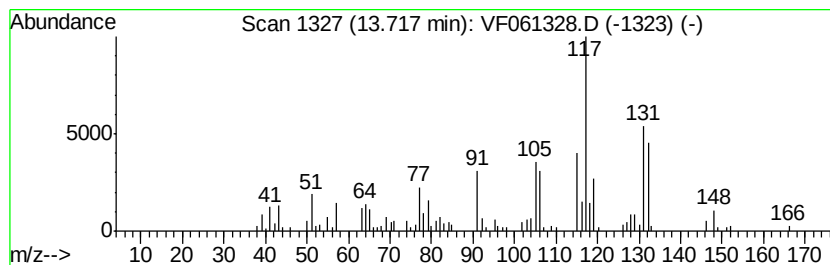
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.14 ug/l	68214	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	64



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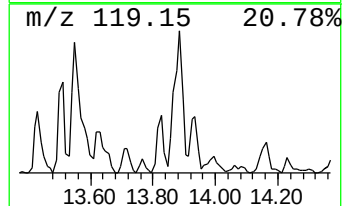
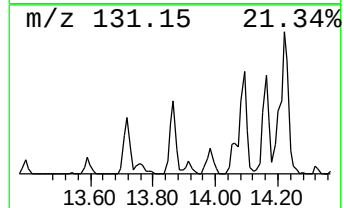
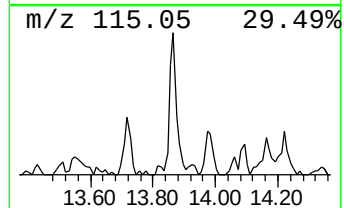
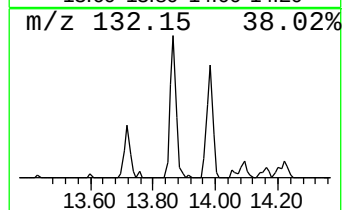
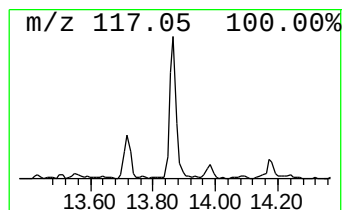
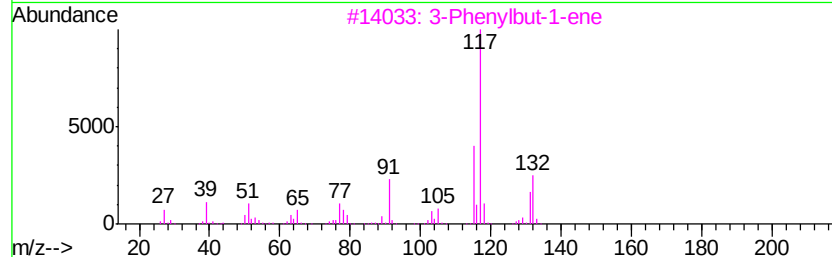
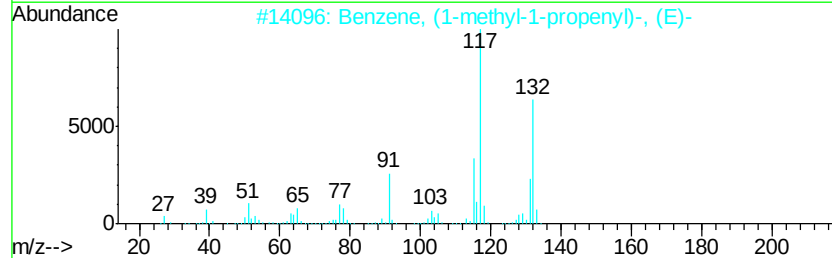
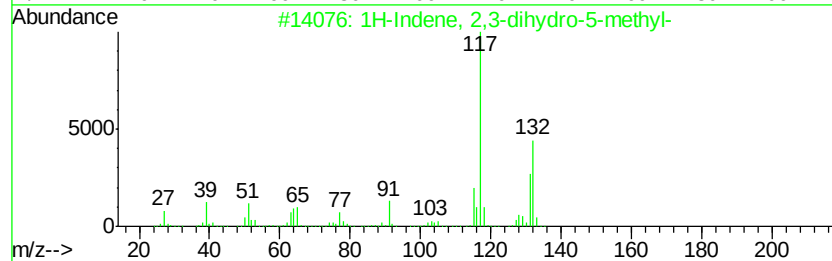
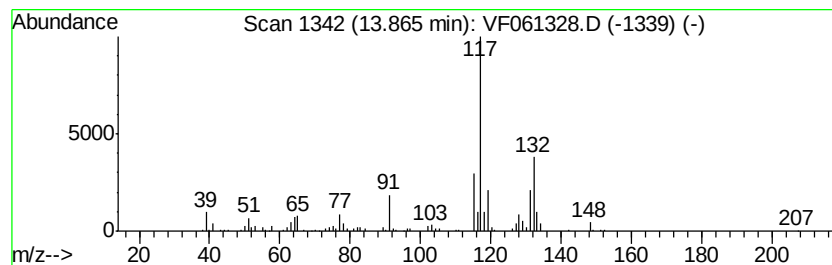
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.40 ug/l	124686	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
4		Indan, 1-methyl-	132	C10H12	000767-58-8	70
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	68



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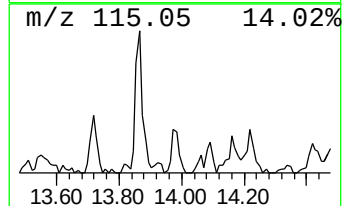
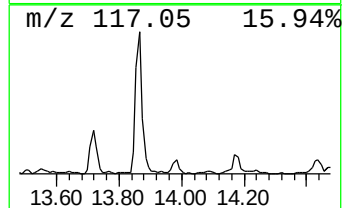
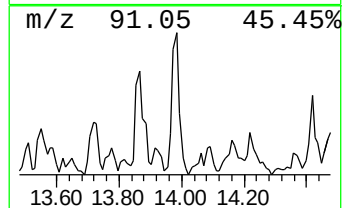
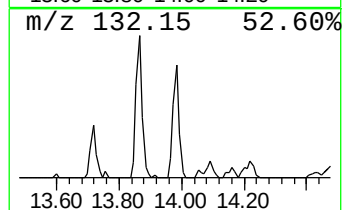
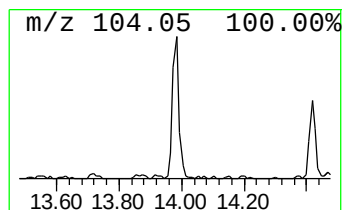
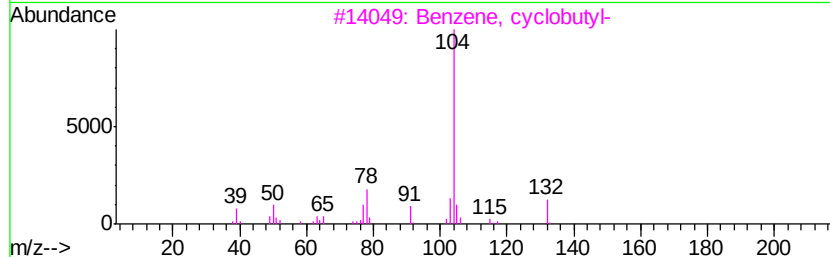
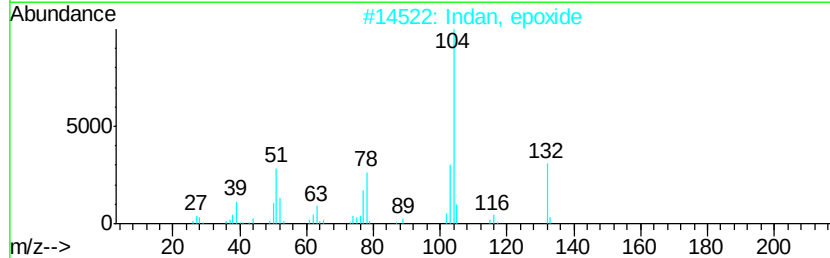
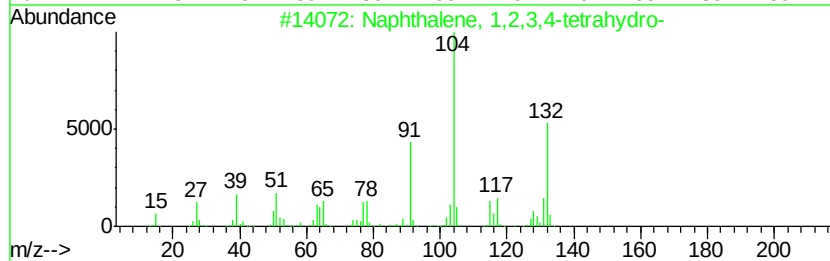
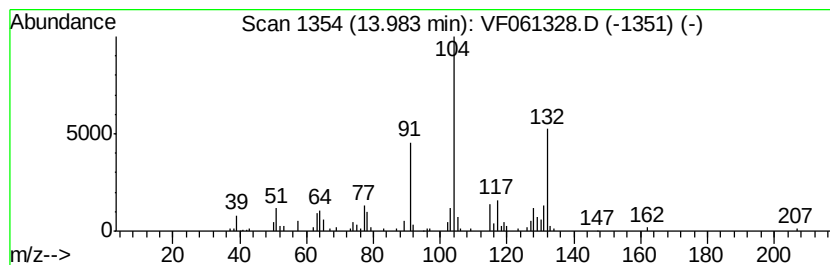
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.07 ug/l	67289	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2		Indan, epoxide	132	C9H8O	000768-22-9	58
3		Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	50
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49



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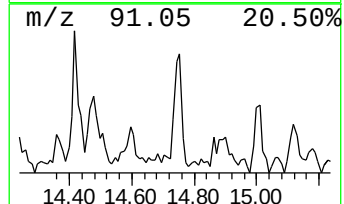
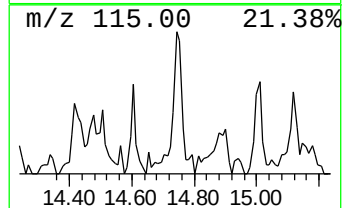
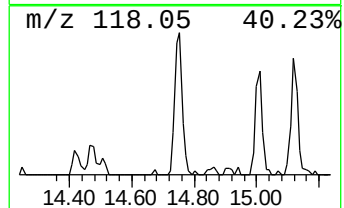
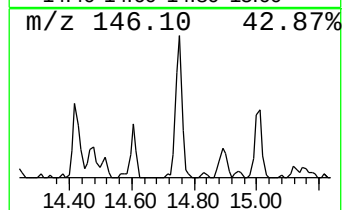
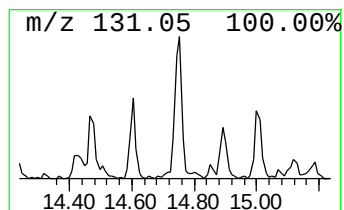
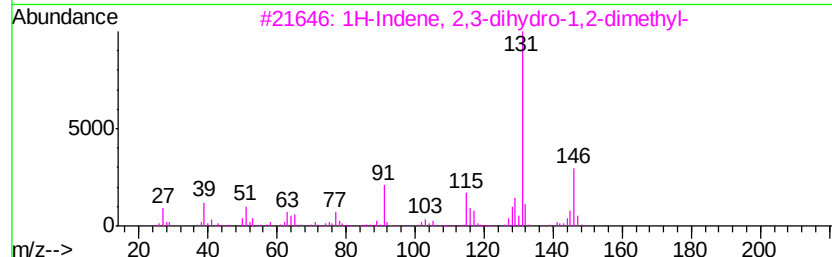
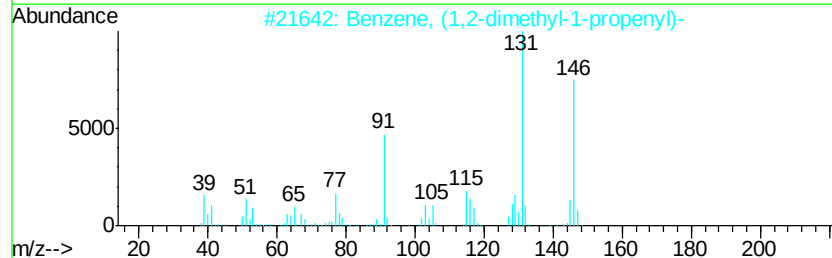
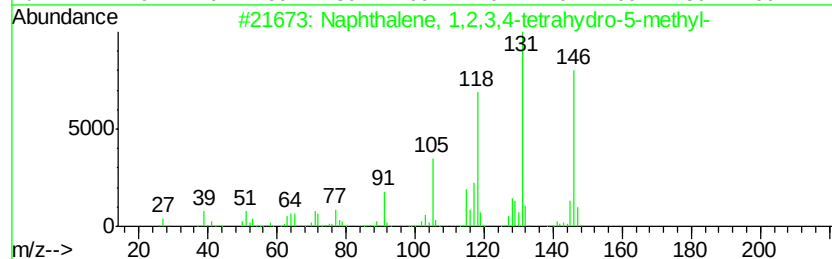
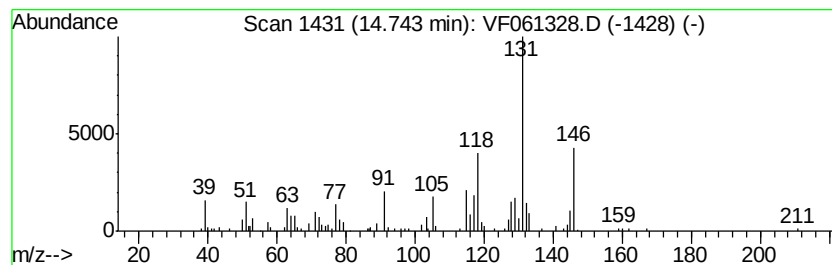
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Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	6.01 ug/l	79680	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 2-etheny...	13.72	5.1	ug/l	68214	4	12.56	663327	50.0
1H-Indene, 2,3-di...	13.87	9.4	ug/l	124686	4	12.56	663327	50.0
Naphthalene, 1,2,...	13.98	5.1	ug/l	67289	4	12.56	663327	50.0
Naphthalene, 1,2,...	14.74	6.0	ug/l	79680	4	12.56	663327	50.0