

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061615.D
 Acq On : 12 Feb 2019 18:11
 Operator : VA/AP
 Sample : K1343-17
 Misc : 6.45g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-I

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\82F011519S.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	1.066	40	44	45	rBV3	4376	7150	1.70%	0.262%
2	1.569	94	95	99	rBV3	1831	4600	1.10%	0.169%
3	1.756	111	114	115	rVV3	2134	4269	1.02%	0.157%
4	2.171	152	156	160	rBV4	12841	28728	6.85%	1.054%
5	2.230	160	162	170	rVB6	6813	18409	4.39%	0.675%
6	3.039	243	244	249	rVB	7360	9712	2.32%	0.356%
7	3.108	249	251	256	rVB4	2111	5082	1.21%	0.186%
8	4.005	334	342	344	rVV3	5084	13853	3.30%	0.508%
9	4.104	347	352	363	rVV	49875	164020	39.10%	6.017%
10	4.864	421	429	440	rBV2	125479	419440	100.00%	15.388%
11	5.593	496	503	516	rBV	134690	368735	87.91%	13.528%
12	7.547	696	701	707	rBV	144285	339885	81.03%	12.469%
13	8.198	764	767	771	rBV3	1924	4660	1.11%	0.171%
14	8.277	771	775	780	rVV3	2051	4766	1.14%	0.175%
15	9.776	921	927	935	rVV	147018	343345	81.86%	12.596%
16	10.121	957	962	967	rVB4	3673	9979	2.38%	0.366%
17	10.713	1019	1022	1026	rVB3	3571	6735	1.61%	0.247%
18	11.404	1089	1092	1097	rBV	100885	183659	43.79%	6.738%
19	11.561	1105	1108	1115	rBV4	4998	15157	3.61%	0.556%
20	11.709	1120	1123	1131	rVB3	6331	13584	3.24%	0.498%
21	11.818	1132	1134	1137	rVB2	4181	5465	1.30%	0.200%
22	12.015	1148	1154	1157	rVV6	4487	10766	2.57%	0.395%
23	12.203	1169	1173	1176	rBV2	16277	24940	5.95%	0.915%
24	12.291	1179	1182	1189	rBV4	3084	5984	1.43%	0.220%
25	12.548	1204	1208	1212	rBV	154094	236177	56.31%	8.664%
26	12.607	1212	1214	1219	rVB2	14416	21308	5.08%	0.782%
27	12.715	1221	1225	1228	rBV2	6238	13530	3.23%	0.496%
28	12.775	1228	1231	1233	rBV2	5341	10311	2.46%	0.378%
29	12.824	1233	1236	1241	rVB6	10073	26658	6.36%	0.978%
30	13.002	1252	1254	1257	rVB2	5672	9031	2.15%	0.331%
31	13.090	1259	1263	1267	rBV3	7953	19160	4.57%	0.703%
32	13.150	1267	1269	1271	rBV2	8043	11005	2.62%	0.404%
33	13.189	1271	1273	1275	rVV2	4390	6839	1.63%	0.251%
34	13.228	1275	1277	1278	rVV	4509	6607	1.58%	0.242%

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35	13.297	1281	1284	1286	rBV3	2994	7184	1.71%	0.264%
36	13.376	1289	1292	1294	rVB4	4327	7260	1.73%	0.266%
37	13.426	1294	1297	1301	rBV4	3849	7112	1.70%	0.261%
38	13.495	1301	1304	1306	rBV2	5584	7780	1.85%	0.285%
39	13.534	1306	1308	1310	rBV3	8616	11244	2.68%	0.413%
40	13.574	1310	1312	1314	rVB3	3949	5606	1.34%	0.206%
41	13.712	1322	1326	1329	rBV3	20707	37751	9.00%	1.385%
42	13.761	1329	1331	1334	rVB4	4734	8984	2.14%	0.330%
43	13.810	1334	1336	1337	rBV2	4315	6594	1.57%	0.242%
44	13.850	1337	1340	1344	rVV2	26126	46543	11.10%	1.707%
45	13.919	1344	1347	1349	rVB3	5619	8686	2.07%	0.319%
46	13.968	1349	1352	1356	rVB2	21485	29458	7.02%	1.081%
47	14.077	1358	1363	1366	rBV3	6081	17567	4.19%	0.644%
48	14.156	1366	1371	1373	rBV5	9637	20931	4.99%	0.768%
49	14.215	1373	1377	1380	rVB2	7646	13301	3.17%	0.488%
50	14.402	1394	1396	1399	rBV3	8426	13964	3.33%	0.512%
51	14.461	1399	1402	1404	rBV3	10833	15341	3.66%	0.563%
52	14.590	1412	1415	1421	rVB4	5495	9356	2.23%	0.343%
53	14.738	1427	1430	1434	rBV3	22489	30390	7.25%	1.115%
54	14.876	1440	1444	1448	rVB5	3290	7581	1.81%	0.278%
55	14.994	1453	1456	1458	rBV3	10081	13204	3.15%	0.484%
56	15.103	1465	1467	1470	rBV2	5244	7780	1.85%	0.285%
57	15.152	1470	1472	1476	rVB3	2826	5802	1.38%	0.213%
58	15.339	1488	1491	1494	rVB3	2484	6245	1.49%	0.229%
59	15.635	1517	1521	1526	rVB4	2666	6597	1.57%	0.242%

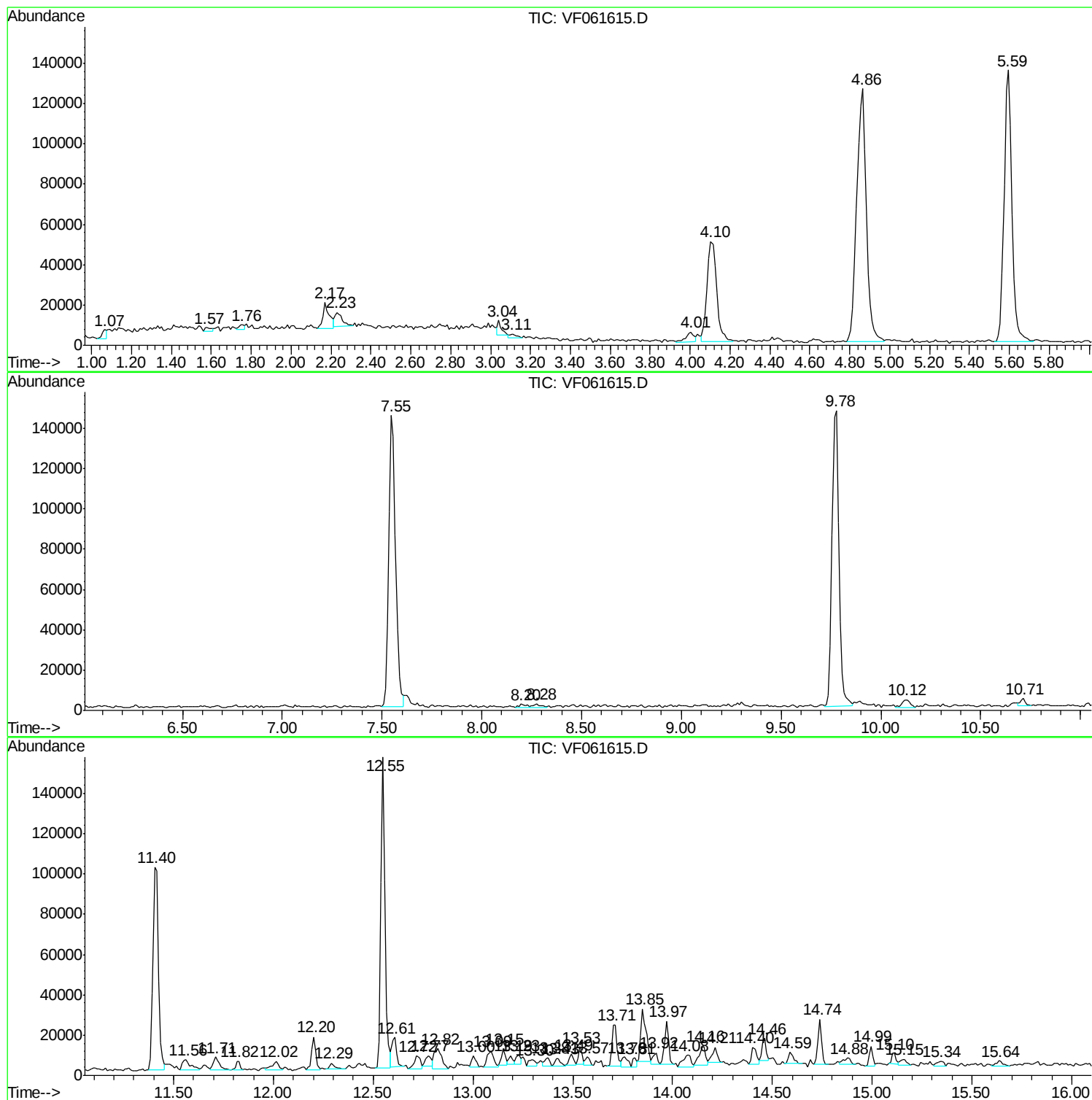
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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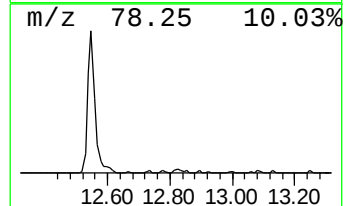
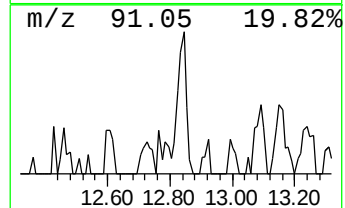
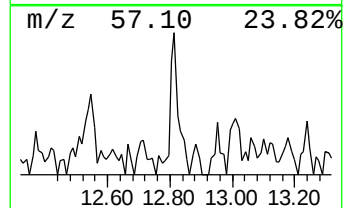
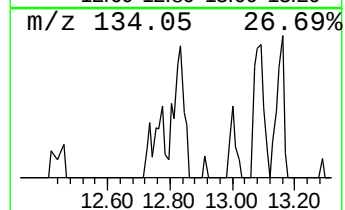
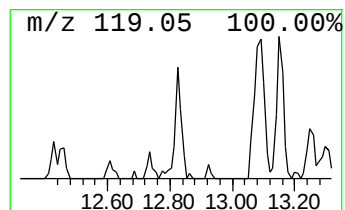
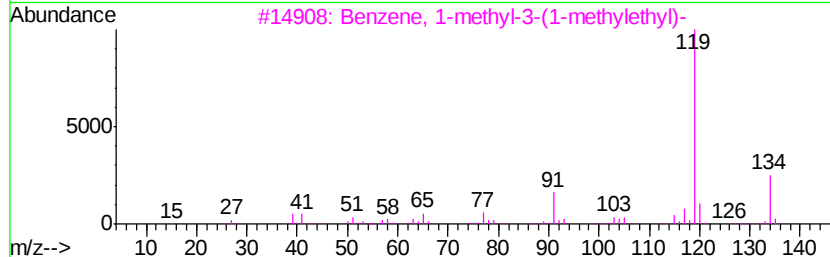
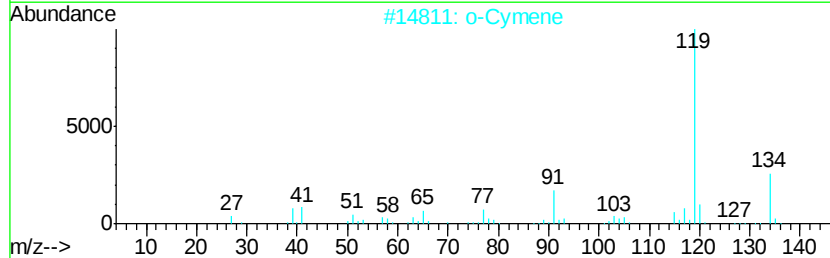
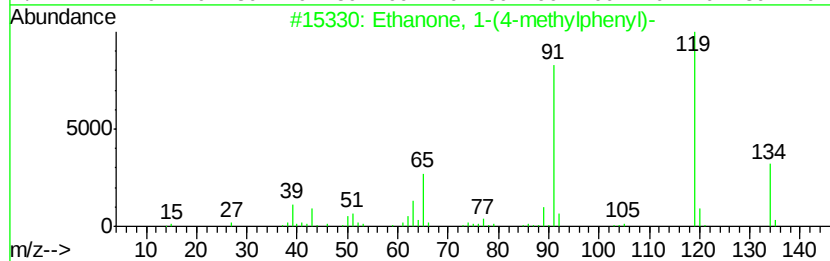
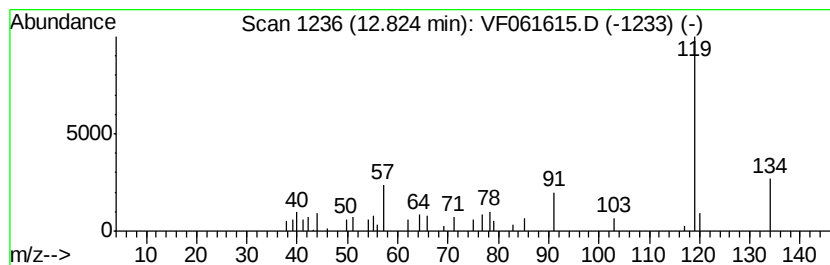
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 1 Ethanone, 1-(4-methylphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	5.64 ug/l	26658	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	64
2		o-Cymene	134	C10H14	000527-84-4	59
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	59
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59
5		p-Cymene	134	C10H14	000099-87-6	59



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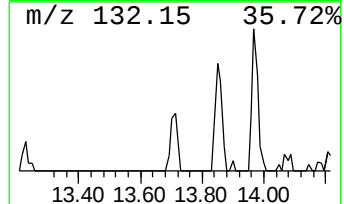
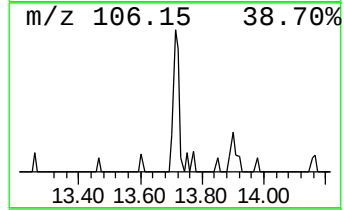
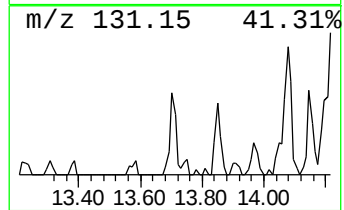
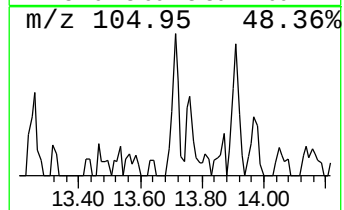
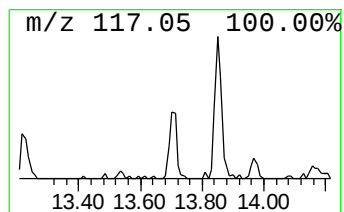
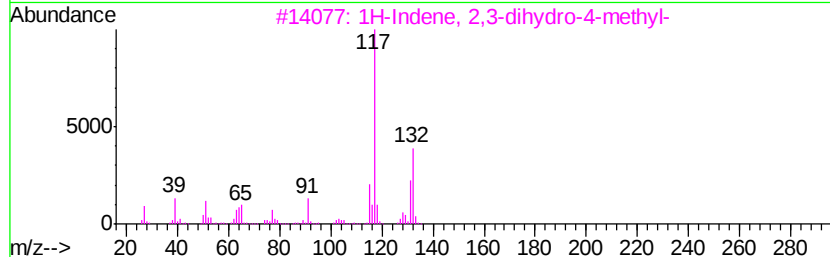
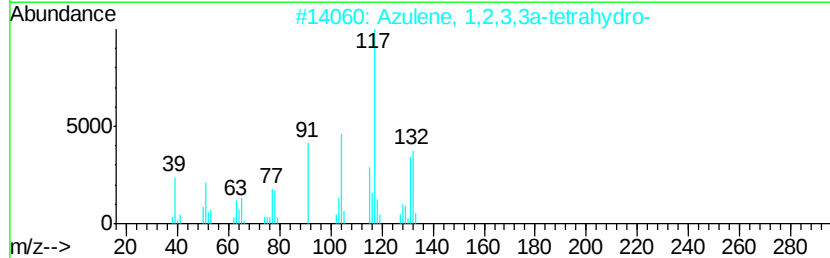
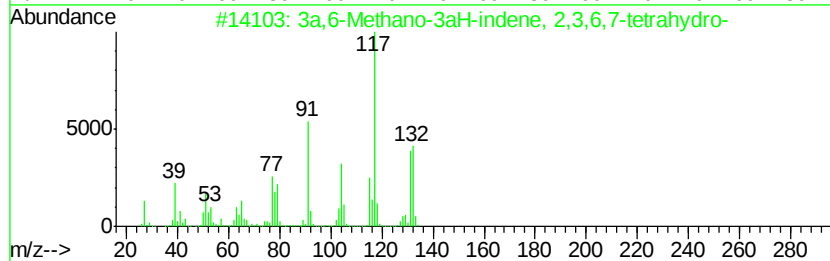
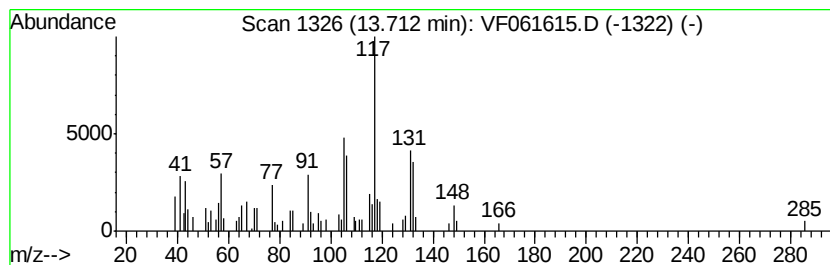
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 2 3a,6-Methano-3aH-indene, 2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	7.99 ug/l	37751	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	70
2		Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	64
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5		Pentacyclo[5.2.1.0(1,5).0(5,9).0...	132	C10H12	1000185-59-0	53



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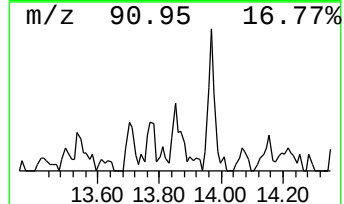
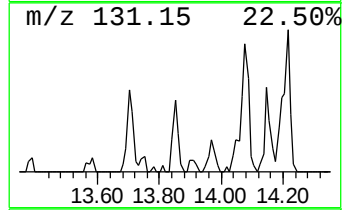
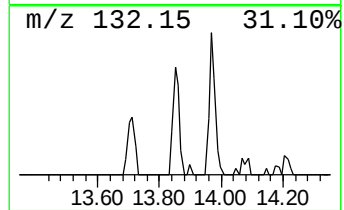
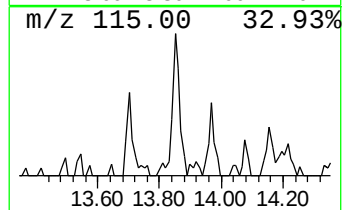
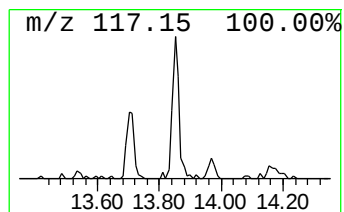
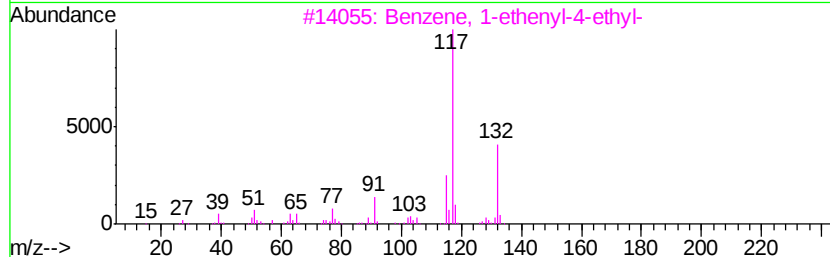
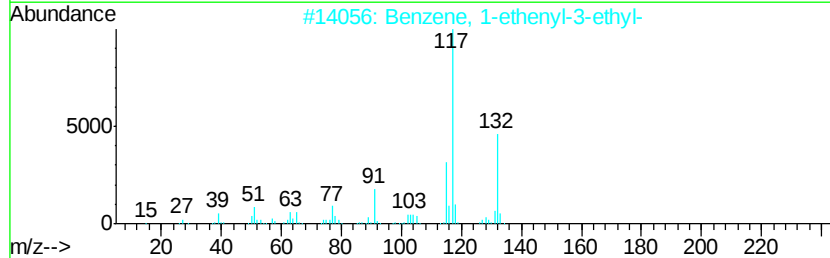
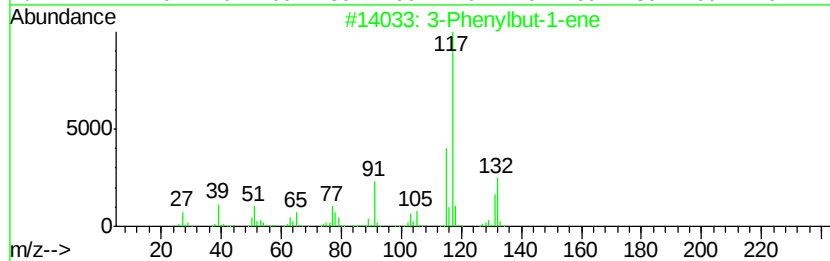
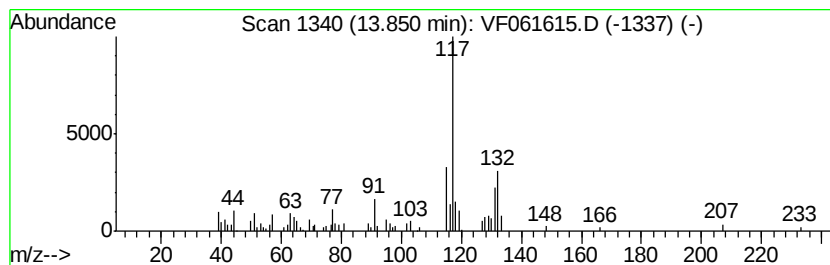
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	9.85 ug/l	46543	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	72
5		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	68



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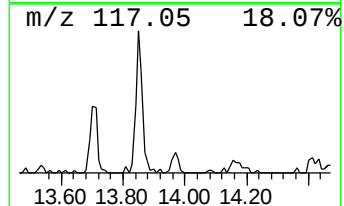
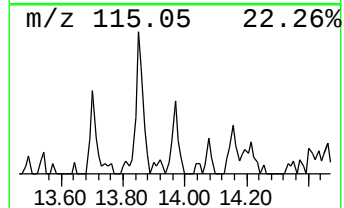
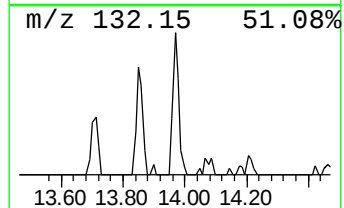
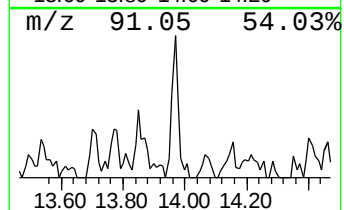
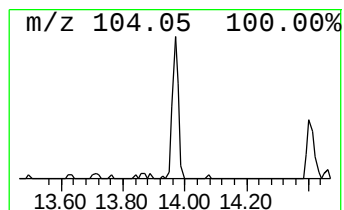
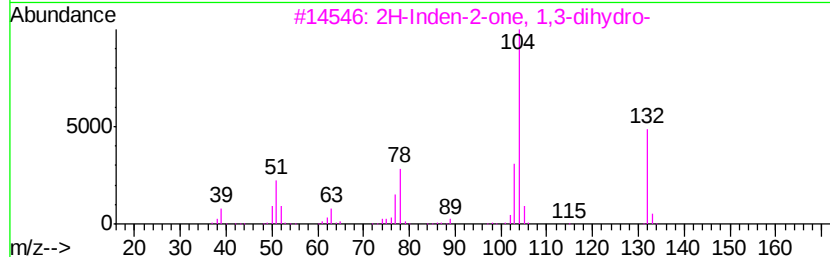
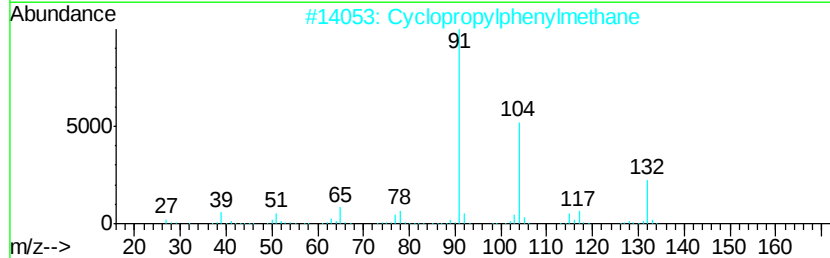
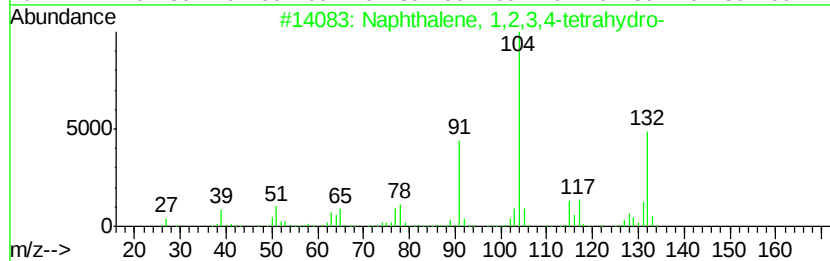
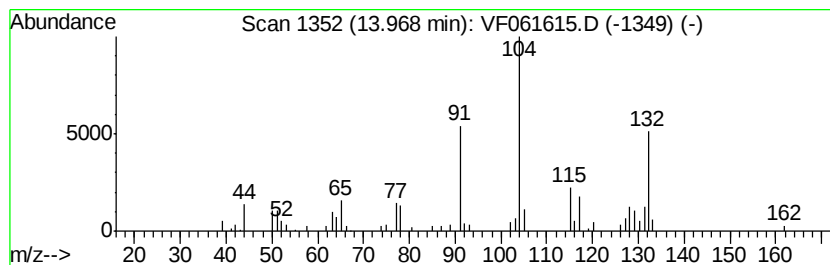
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.24 ug/l	29458	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2		Cyclopropylphenylmethane	132	C10H12	001667-00-1	64
3		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4		Indan, epoxide	132	C9H8O	000768-22-9	49
5		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38



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JC-02-021119-I

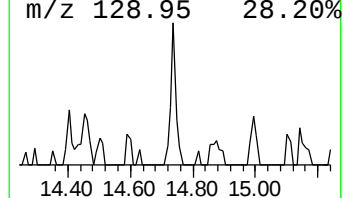
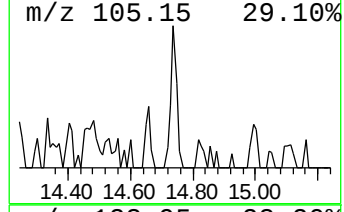
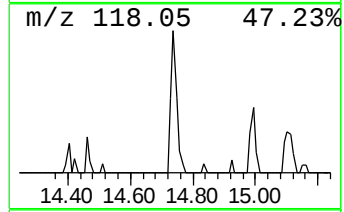
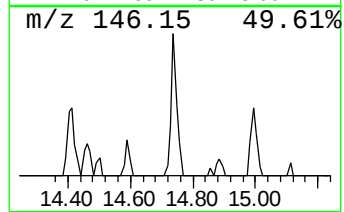
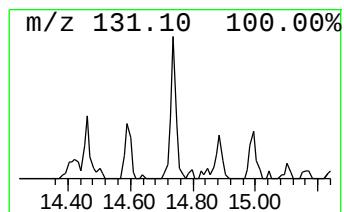
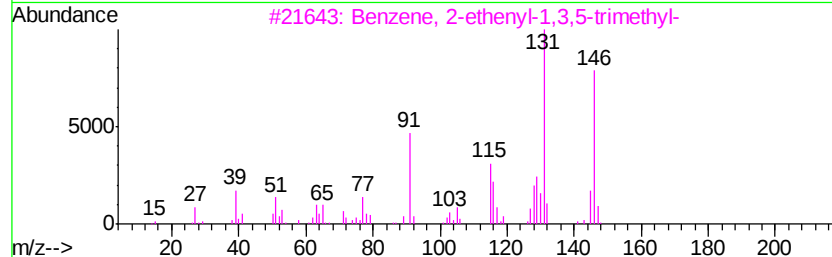
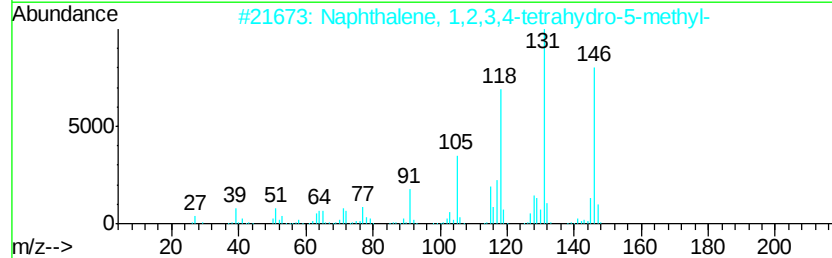
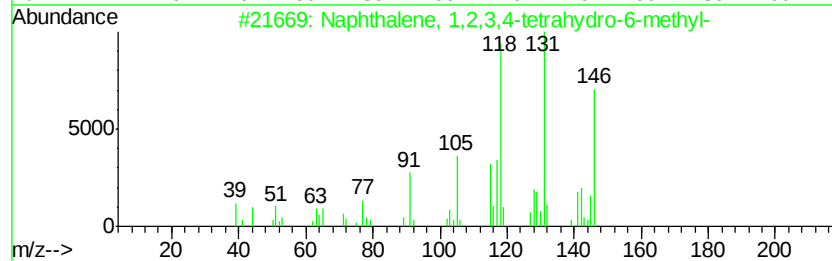
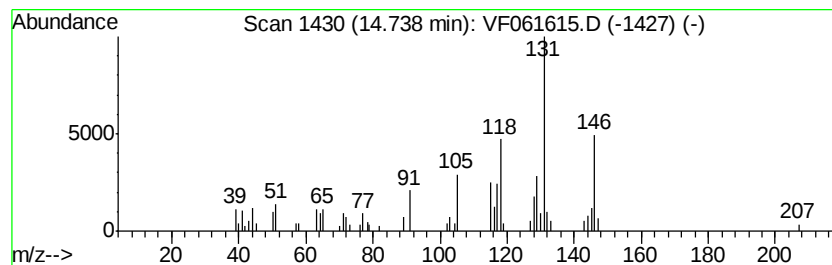
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	6.43 ug/l	30390	1,4-Dichlorobenzene-d4	12.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061615.D
Acq On : 12 Feb 2019 18:11
Operator : VA/AP
Sample : K1343-17
Misc : 6.45g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
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
Ethanone, 1-(4-me...	12.82	5.6	ug/l	26658	4	12.55	236177	50.0
3a,6-Methano-3aH-...	13.71	8.0	ug/l	37751	4	12.55	236177	50.0
3-Phenylbut-1-ene	13.85	9.8	ug/l	46543	4	12.55	236177	50.0
Naphthalene, 1,2,...	13.97	6.2	ug/l	29458	4	12.55	236177	50.0
Naphthalene, 1,2,...	14.74	6.4	ug/l	30390	4	12.55	236177	50.0