

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059763.D
 Acq On : 1 Aug 2018 18:50
 Operator : VA/AP
 Sample : J4231-11
 Misc : 5.01a/5mL/MSVOA F/SOIL
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-6

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\82F073018S.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	1.087	54	56	60	rVB3	9765	15467	1.38%	0.150%
2	1.353	79	83	85	rBV4	6819	13362	1.19%	0.130%
3	1.708	116	119	123	rVB2	9882	19980	1.78%	0.194%
4	2.013	149	150	155	rVB	10141	13789	1.23%	0.134%
5	2.270	174	176	179	rBV4	11911	24175	2.16%	0.234%
6	2.339	179	183	188	rVB4	15019	39589	3.53%	0.384%
7	2.467	194	196	201	rVB6	6813	13158	1.17%	0.128%
8	4.202	364	372	374	rBV2	7963	19821	1.77%	0.192%
9	4.281	374	380	390	rVB	150430	467422	41.72%	4.532%
10	5.030	447	456	470	rBV2	329953	1120254	100.00%	10.861%
11	5.759	523	530	542	rBV	351952	926222	82.68%	8.980%
12	7.701	721	727	740	rBV	358169	853377	76.18%	8.274%
13	8.756	830	834	838	rBV4	4104	11841	1.06%	0.115%
14	9.909	945	951	959	rBV	441255	981036	87.57%	9.511%
15	10.027	959	963	969	rVB	30261	74474	6.65%	0.722%
16	10.264	983	987	991	rBV2	8154	15991	1.43%	0.155%
17	10.363	991	997	1002	rVV8	4020	12069	1.08%	0.117%
18	10.816	1041	1043	1047	rVB3	10416	21494	1.92%	0.208%
19	10.934	1047	1055	1058	rBV8	4790	20001	1.79%	0.194%
20	11.220	1082	1084	1091	rVB5	5871	15152	1.35%	0.147%
21	11.358	1096	1098	1103	rVB5	10524	22376	2.00%	0.217%
22	11.506	1109	1113	1120	rBV	422111	693048	61.87%	6.719%
23	11.644	1124	1127	1129	rVV2	10965	18681	1.67%	0.181%
24	11.743	1134	1137	1139	rVV3	8584	17961	1.60%	0.174%
25	11.812	1139	1144	1148	rVV	36246	77735	6.94%	0.754%
26	11.910	1151	1154	1157	rBV3	18723	28563	2.55%	0.277%
27	12.107	1171	1174	1176	rVB	13745	23670	2.11%	0.229%
28	12.245	1183	1188	1189	rBV4	5317	11986	1.07%	0.116%
29	12.285	1189	1192	1195	rVV	28073	44638	3.98%	0.433%
30	12.373	1197	1201	1203	rVV4	11284	24045	2.15%	0.233%
31	12.502	1211	1214	1216	rVV4	11049	21820	1.95%	0.212%
32	12.541	1216	1218	1223	rVV3	13609	28670	2.56%	0.278%
33	12.630	1223	1227	1231	rVV	660258	1012003	90.34%	9.811%
34	12.679	1231	1232	1237	rVV	33990	49617	4.43%	0.481%

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35	12.807	1240	1245	1248	rVV2	112722	231330	20.65%	2.243%
36	12.866	1248	1251	1253	rVV2	50628	94612	8.45%	0.917%
37	12.896	1253	1254	1259	rVB	61798	99266	8.86%	0.962%
38	13.083	1270	1273	1276	rVB4	12915	19997	1.79%	0.194%
39	13.162	1276	1281	1285	rBV4	18945	58537	5.23%	0.568%
40	13.221	1285	1287	1290	rVV	67940	87114	7.78%	0.845%
41	13.300	1290	1295	1299	rVV2	34241	77333	6.90%	0.750%
42	13.349	1299	1300	1303	rVV3	7686	12290	1.10%	0.119%
43	13.399	1303	1305	1308	rVB	21001	35363	3.16%	0.343%
44	13.448	1308	1310	1312	rBV2	13640	18682	1.67%	0.181%
45	13.487	1312	1314	1318	rVB3	13648	20464	1.83%	0.198%
46	13.566	1318	1322	1324	rBV	21582	35404	3.16%	0.343%
47	13.606	1324	1326	1328	rBV	51065	68745	6.14%	0.666%
48	13.645	1328	1330	1333	rVB	75625	86054	7.68%	0.834%
49	13.704	1333	1336	1340	rVB2	22723	37953	3.39%	0.368%
50	13.773	1340	1343	1346	rBV2	53950	86414	7.71%	0.838%
51	13.872	1351	1353	1355	rVV	16514	22030	1.97%	0.214%
52	13.921	1355	1358	1362	rVV2	60365	144083	12.86%	1.397%
53	13.980	1362	1364	1366	rVV3	16952	24407	2.18%	0.237%
54	14.020	1366	1368	1373	rVB5	18391	41815	3.73%	0.405%
55	14.148	1378	1381	1384	rVV	74634	129298	11.54%	1.254%
56	14.217	1384	1388	1392	rVV4	42599	99266	8.86%	0.962%
57	14.286	1392	1395	1400	rVB3	34163	67736	6.05%	0.657%
58	14.365	1400	1403	1406	rBV4	11560	20144	1.80%	0.195%
59	14.424	1406	1409	1412	rVV4	11085	22729	2.03%	0.220%
60	14.522	1412	1419	1426	rVV	134920	280661	25.05%	2.721%
61	14.660	1428	1433	1435	rVV3	17979	40260	3.59%	0.390%
62	14.749	1440	1442	1444	rVV3	17825	29385	2.62%	0.285%
63	14.798	1444	1447	1451	rVB2	46175	82907	7.40%	0.804%
64	14.887	1454	1456	1457	rVV2	24848	31301	2.79%	0.303%
65	14.926	1457	1460	1463	rVV4	34460	86950	7.76%	0.843%
66	14.976	1463	1465	1468	rVV2	24589	38468	3.43%	0.373%
67	15.064	1472	1474	1481	rVB5	15855	34566	3.09%	0.335%
68	15.173	1481	1485	1488	rBV5	19114	40008	3.57%	0.388%
69	15.232	1488	1491	1494	rVB4	13815	24823	2.22%	0.241%
70	15.350	1500	1503	1506	rBV	116786	161026	14.37%	1.561%
71	15.478	1512	1516	1522	rVB	283135	458345	40.91%	4.444%

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72	15.715	1538	1540	1544	rVB5	7674	13384	1.19%	0.130%
73	15.804	1547	1549	1551	rVB3	12342	16097	1.44%	0.156%
74	15.863	1551	1555	1562	rVB	187034	319073	28.48%	3.093%
75	16.031	1568	1572	1573	rBV4	6685	14218	1.27%	0.138%
76	16.070	1573	1576	1577	rBV	165161	248460	22.18%	2.409%

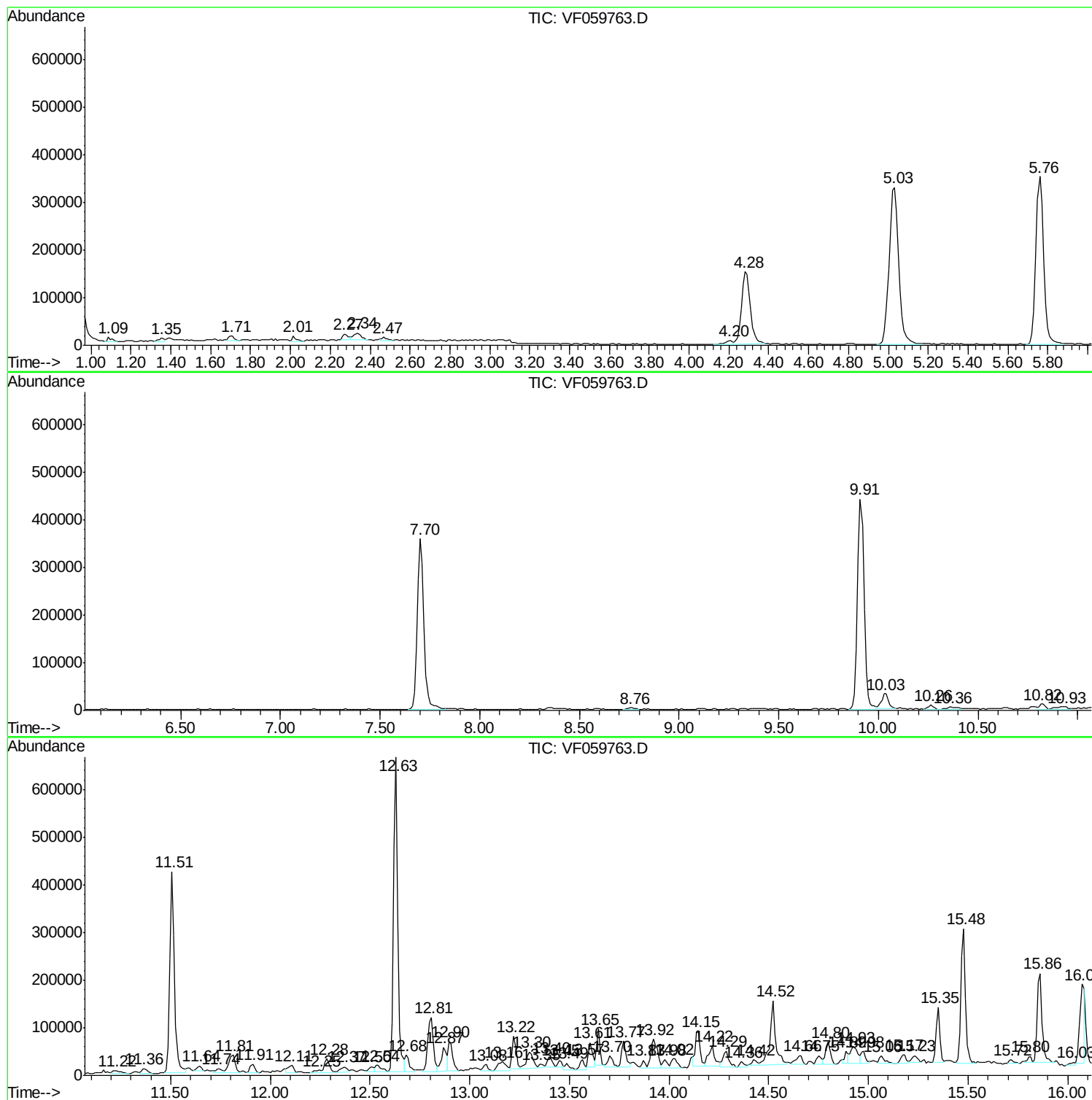
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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



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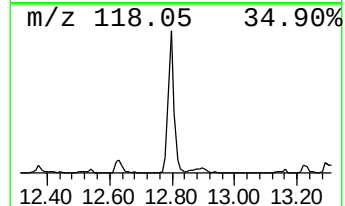
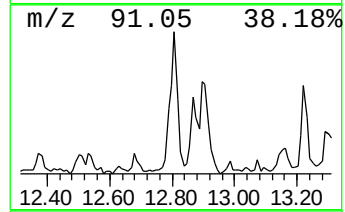
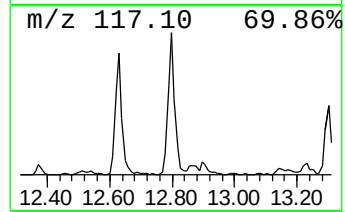
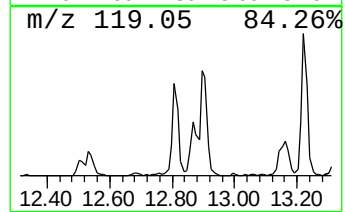
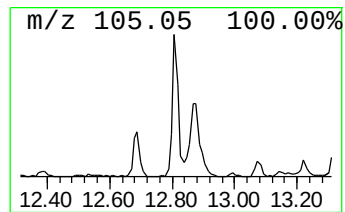
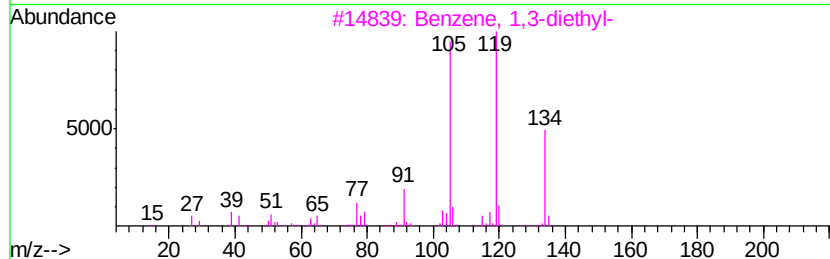
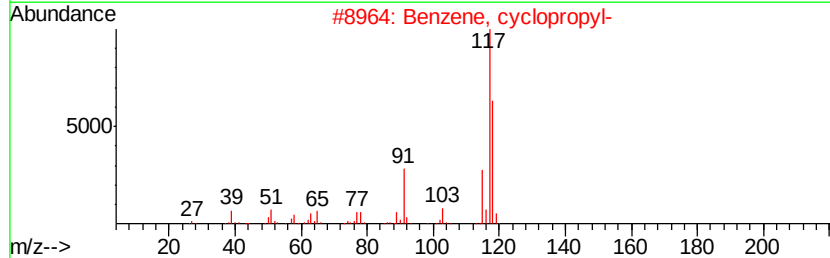
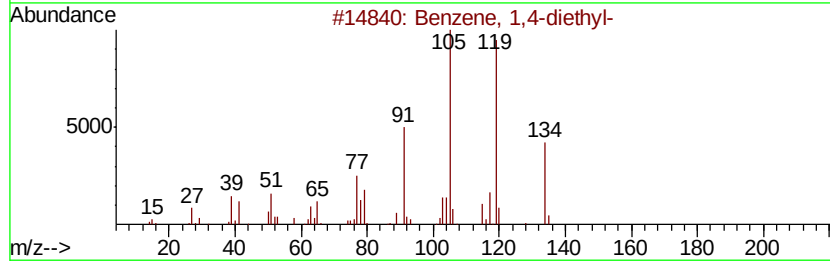
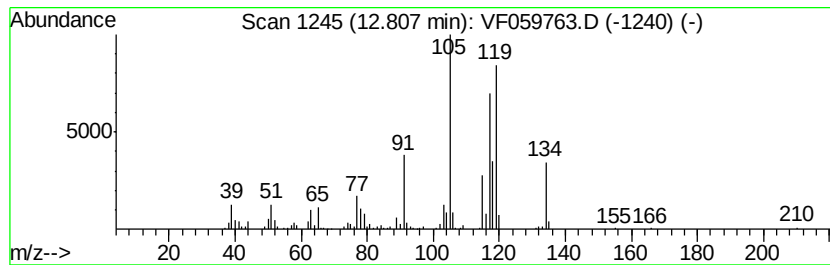
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1,4-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	11.43 ug/l	231330	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	62
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



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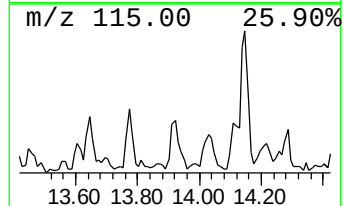
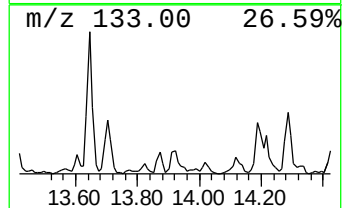
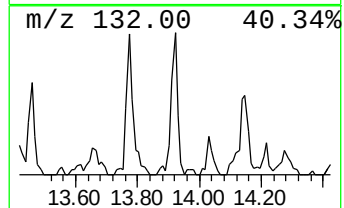
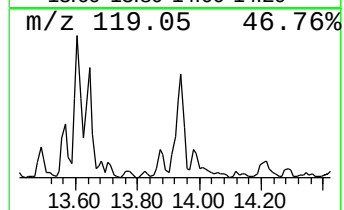
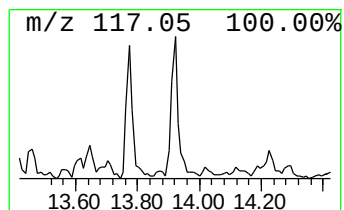
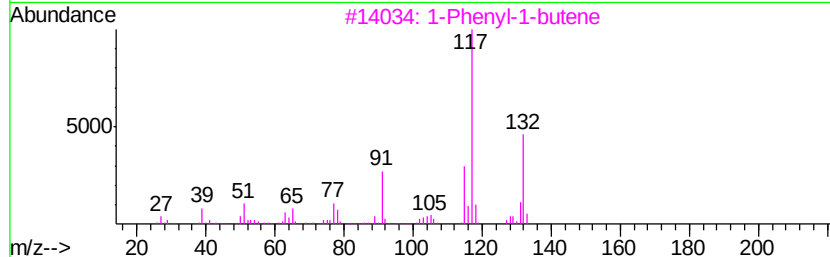
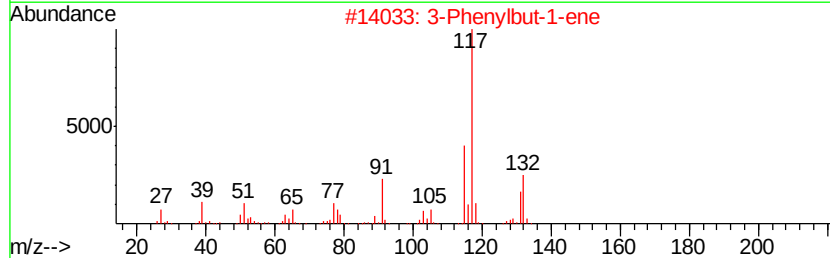
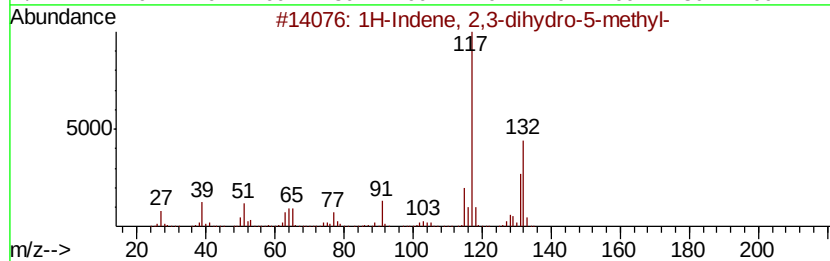
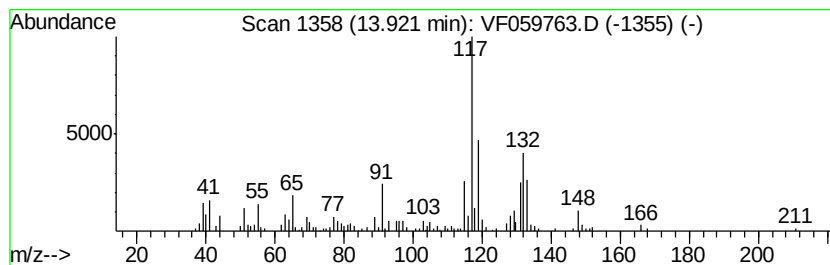
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	7.12 ug/l	144083	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	62
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	60
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	58



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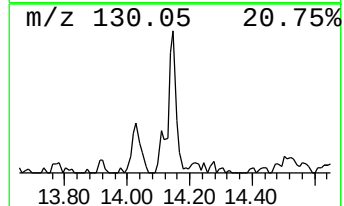
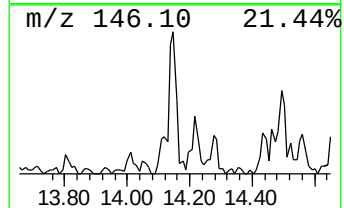
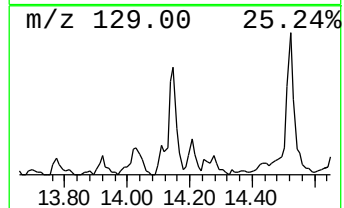
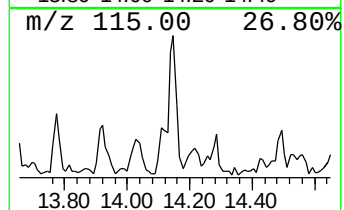
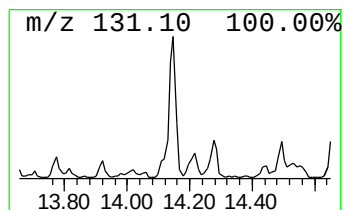
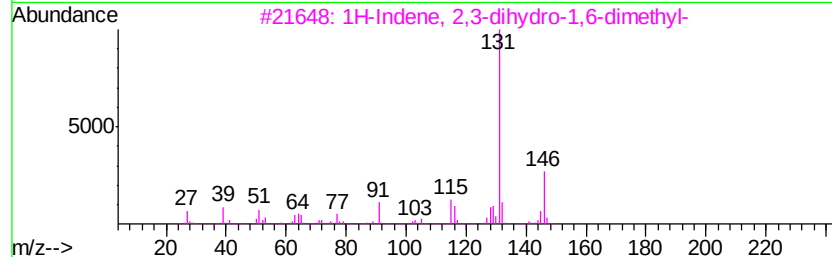
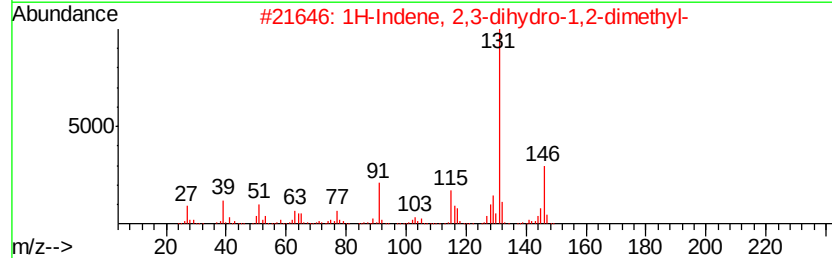
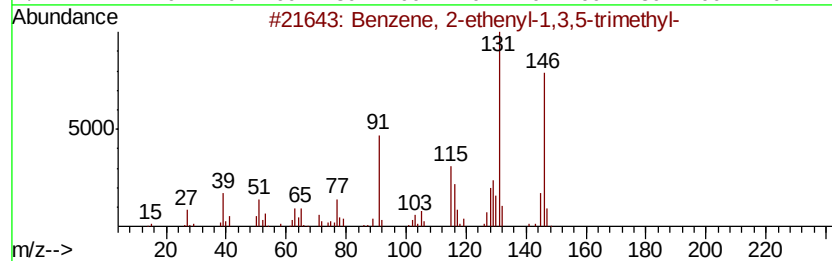
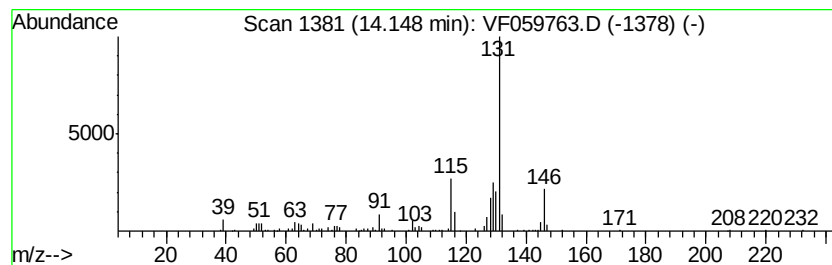
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	6.39 ug/l	129298	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	80
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	58
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	53



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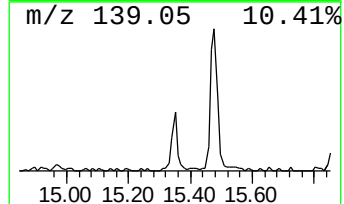
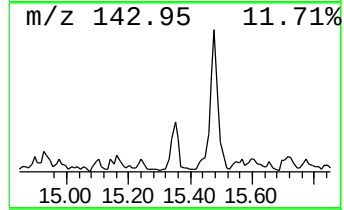
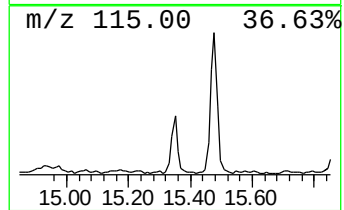
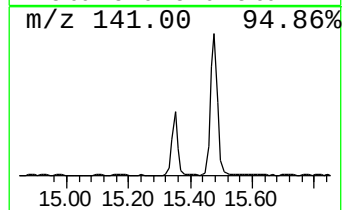
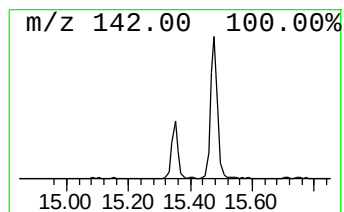
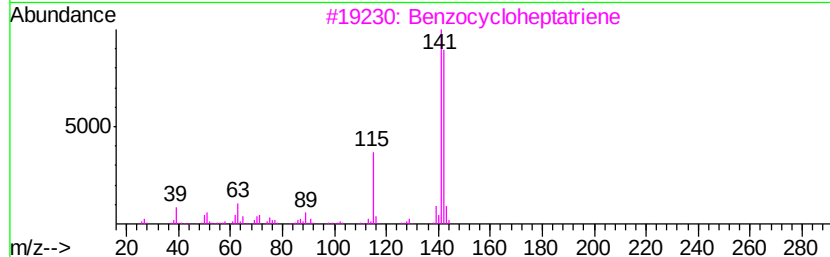
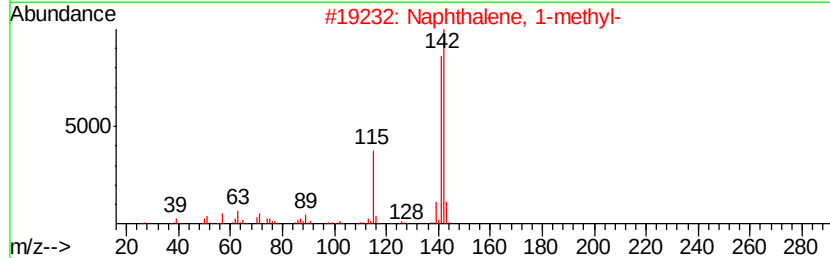
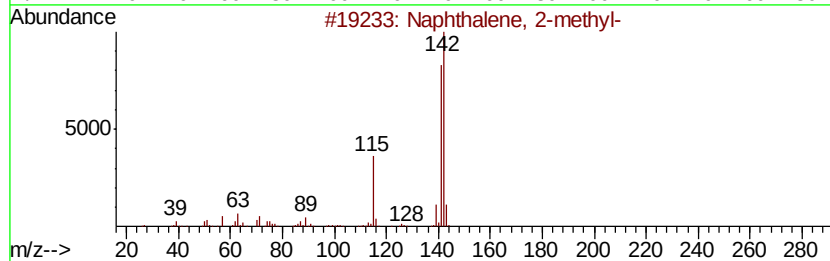
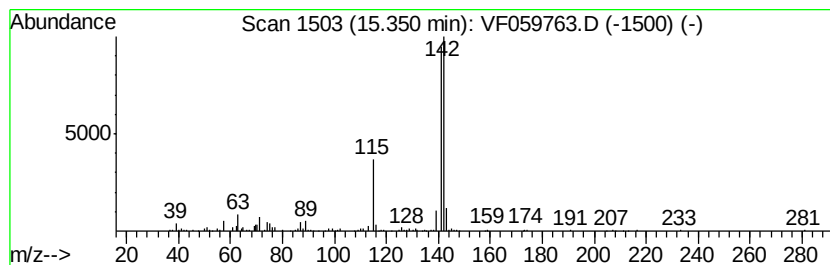
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.35	7.96 ug/l	161026	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059763.D
Acq On : 1 Aug 2018 18:50
Operator : VA/AP
Sample : J4231-11
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 93 Sample Multiplier: 1

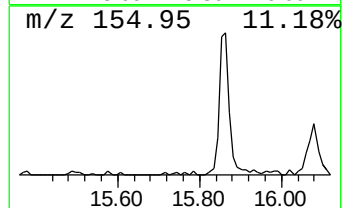
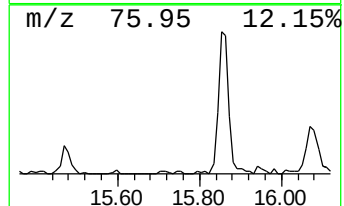
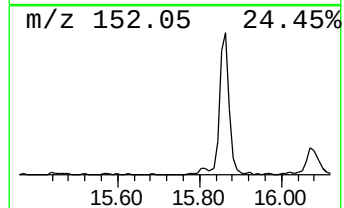
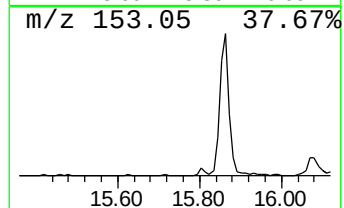
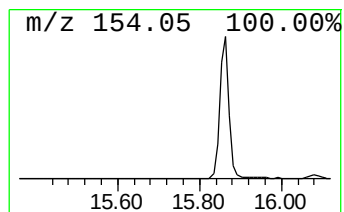
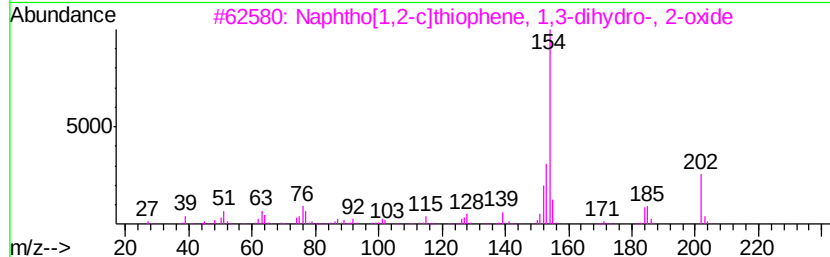
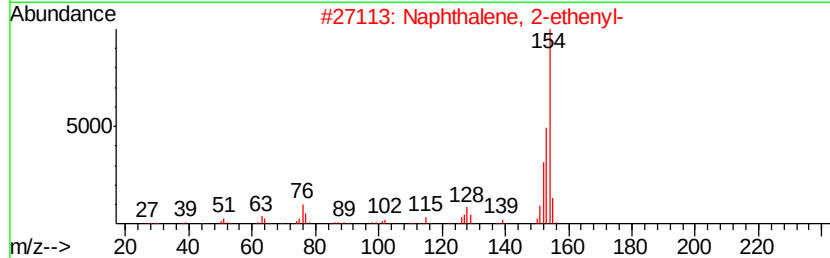
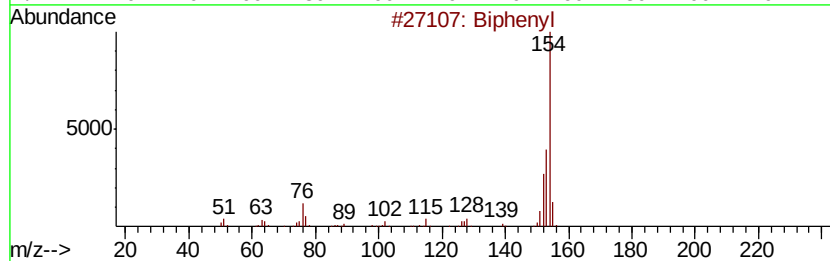
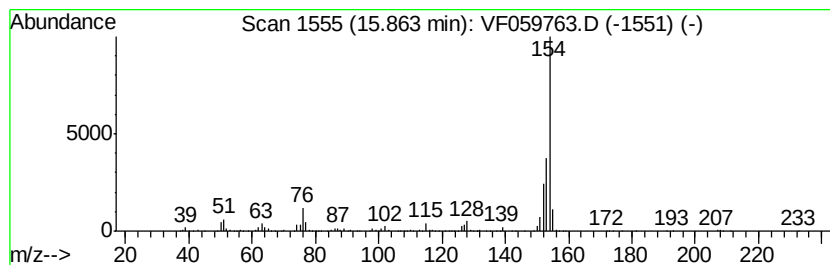
Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 6 Biphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	15.76 ug/l	319073	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Biphenyl	154 C12H10	000092-52-4	95
2	Naphthalene, 2-ethenyl-	154 C12H10	000827-54-3	83
3	Naphtho[1,2-c]thiophene, 1,3-dih...	202 C12H100S	031739-49-8	74
4	Propanedinitrile, 2,4,6-cyclohep...	154 C10H6N2	002860-54-0	47
5	6-Cyanoquinoline	154 C10H6N2	023395-72-4	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059763.D
Acq On : 1 Aug 2018 18:50
Operator : VA/AP
Sample : J4231-11
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 93 Sample Multiplier: 1

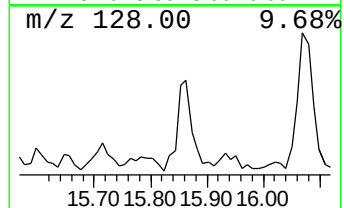
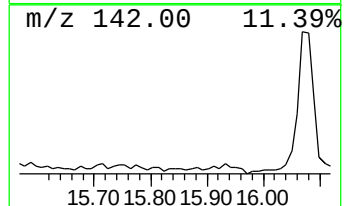
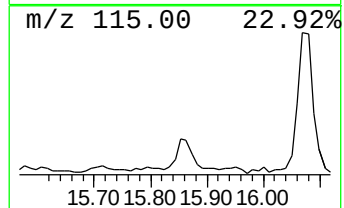
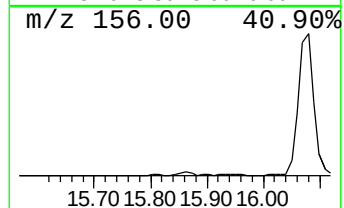
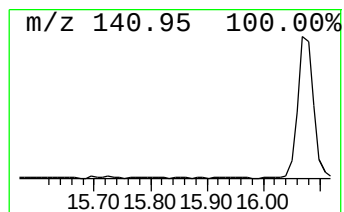
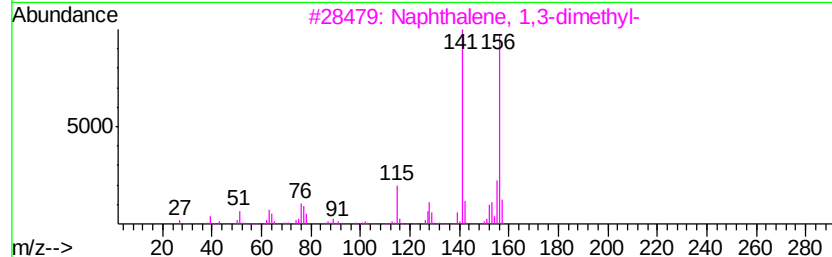
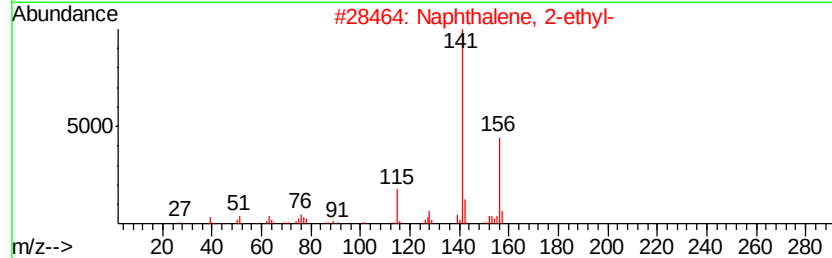
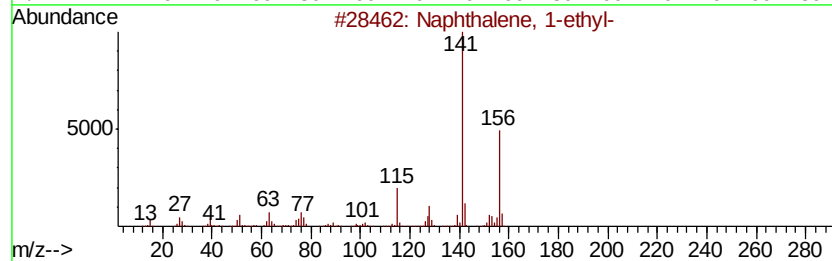
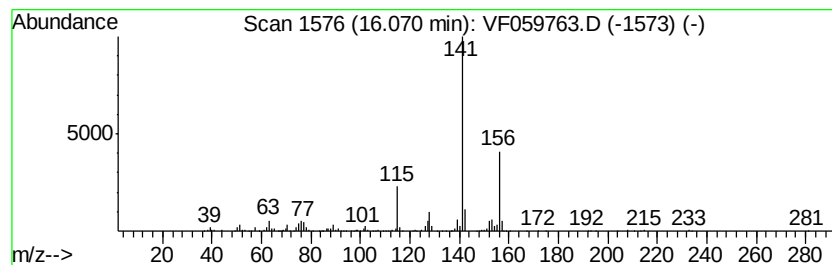
Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	12.28 ug/l	248460	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 68
4		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 64
5		5-Acetyl-2-amino-4-methylthiazole	156 C6H8N2OS	030748-47-1 53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
Data File : VF059763.D
Acq On : 1 Aug 2018 18:50
Operator : VA/AP
Sample : J4231-11
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 93 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.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
Benzene, 1,4-diet...	12.81	11.4	ug/l	231330	4	12.63	1012000	50.0
1H-Indene, 2,3-di...	13.92	7.1	ug/l	144083	4	12.63	1012000	50.0
Benzene, 2-etheny...	14.15	6.4	ug/l	129298	4	12.63	1012000	50.0
Naphthalene, 1-me...	15.35	8.0	ug/l	161026	4	12.63	1012000	50.0
Biphenyl	15.86	15.8	ug/l	319073	4	12.63	1012000	50.0
Naphthalene, 1-et...	16.07	12.3	ug/l	248460	4	12.63	1012000	50.0