

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060376.D
 Acq On : 28 Sep 2018 19:26
 Operator : VA/AP
 Sample : J4777-39
 Misc : 6.74/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-D

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\82F091918S.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	2.331	168	172	178	rVB	42775	116155	6.77%	0.458%
2	3.041	242	244	252	rVB5	16360	41987	2.45%	0.166%
3	4.174	351	359	364	rBV	31607	117545	6.85%	0.464%
4	4.273	364	369	386	rVB2	258614	827984	48.22%	3.266%
5	5.012	437	444	456	rBV2	436210	1531704	89.21%	6.041%
6	5.604	499	504	512	rBV3	35165	119139	6.94%	0.470%
7	5.752	512	519	527	rVV	448245	1205765	70.23%	4.755%
8	6.826	621	628	633	rVB9	7702	34206	1.99%	0.135%
9	7.161	657	662	676	rVB2	66007	281236	16.38%	1.109%
10	7.427	682	689	695	rBV4	27242	99805	5.81%	0.394%
11	7.516	695	698	704	rVB3	14634	39029	2.27%	0.154%
12	7.693	710	716	729	rVV	694784	1716970	100.00%	6.772%
13	7.891	731	736	743	rVB2	31576	92283	5.37%	0.364%
14	8.521	794	800	803	rBV5	19325	54232	3.16%	0.214%
15	8.590	803	807	814	rVB2	70789	178321	10.39%	0.703%
16	8.758	818	824	828	rBV2	61540	158493	9.23%	0.625%
17	9.103	854	859	863	rBV3	34484	88936	5.18%	0.351%
18	9.487	894	898	902	rBV2	18169	43097	2.51%	0.170%
19	9.901	934	940	948	rBV	584542	1319630	76.86%	5.205%
20	10.010	948	951	956	rVB4	13117	39220	2.28%	0.155%
21	10.108	956	961	965	rVB4	18496	49117	2.86%	0.194%
22	10.256	973	976	980	rVB	29335	56033	3.26%	0.221%
23	10.355	980	986	994	rBV5	74767	241146	14.04%	0.951%
24	10.463	994	997	1003	rVB5	22194	51384	2.99%	0.203%
25	10.582	1003	1009	1010	rBV6	14945	35398	2.06%	0.140%
26	10.631	1010	1014	1020	rVB	78744	181370	10.56%	0.715%
27	10.769	1020	1028	1036	rBV4	89313	301629	17.57%	1.190%
28	10.887	1036	1040	1042	rBV5	25064	58072	3.38%	0.229%
29	11.035	1052	1055	1060	rBV4	23151	58891	3.43%	0.232%
30	11.153	1060	1067	1071	rBV6	51944	142184	8.28%	0.561%
31	11.242	1071	1076	1079	rBV7	29596	73278	4.27%	0.289%
32	11.360	1084	1088	1092	rVB2	107482	215270	12.54%	0.849%
33	11.498	1096	1102	1108	rBV	594001	1143746	66.61%	4.511%
34	11.577	1108	1110	1113	rVB4	38021	63822	3.72%	0.252%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060376.D
 Acq On : 28 Sep 2018 19:26
 Operator : VA/AP
 Sample : J4777-39
 Misc : 6.74/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-D

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\82F091918S.M
 Title : SW846 8260

35	11.636	1113	1116	1119	rBV2	81694	119958	6.99%	0.473%
36	11.695	1119	1122	1124	rBV3	30870	59258	3.45%	0.234%
37	11.755	1124	1128	1130	rBV4	22056	50156	2.92%	0.198%
38	11.804	1130	1133	1136	rVB3	45749	90121	5.25%	0.355%
39	11.853	1136	1138	1140	rVB2	40649	48809	2.84%	0.192%
40	11.902	1140	1143	1146	rVB	192408	268559	15.64%	1.059%
41	11.962	1146	1149	1152	rBV4	29907	57248	3.33%	0.226%
42	12.031	1152	1156	1158	rBV4	43717	118667	6.91%	0.468%
43	12.070	1158	1160	1162	rBV2	82808	126574	7.37%	0.499%
44	12.149	1165	1168	1170	rBV3	16977	37869	2.21%	0.149%
45	12.228	1172	1176	1178	rBV3	47984	112380	6.55%	0.443%
46	12.277	1178	1181	1185	rVB	265836	393810	22.94%	1.553%
47	12.376	1186	1191	1193	rBV3	47129	104311	6.08%	0.411%
48	12.454	1197	1199	1201	rBV2	24955	39885	2.32%	0.157%
49	12.504	1201	1204	1205	rBV	62186	80504	4.69%	0.318%
50	12.523	1205	1206	1208	rVB2	34296	40170	2.34%	0.158%
51	12.563	1208	1210	1212	rVB2	29662	39279	2.29%	0.155%
52	12.622	1212	1216	1219	rBV	640052	932707	54.32%	3.679%
53	12.681	1219	1222	1226	rVB	382493	550488	32.06%	2.171%
54	12.809	1231	1235	1236	rBV4	64278	110956	6.46%	0.438%
55	12.839	1236	1238	1240	rBV2	95714	140120	8.16%	0.553%
56	12.898	1240	1244	1248	rVB3	283730	614168	35.77%	2.422%
57	12.967	1248	1251	1252	rBV2	29942	37802	2.20%	0.149%
58	12.997	1252	1254	1258	rBV4	78245	172613	10.05%	0.681%
59	13.066	1258	1261	1265	rVB2	167493	325062	18.93%	1.282%
60	13.164	1265	1271	1274	rBV2	182303	522454	30.43%	2.061%
61	13.213	1274	1276	1278	rBV	217190	294152	17.13%	1.160%
62	13.263	1278	1281	1283	rVB3	125919	197581	11.51%	0.779%
63	13.312	1283	1286	1288	rBV2	172913	235946	13.74%	0.931%
64	13.351	1288	1290	1293	rVV	117316	195265	11.37%	0.770%
65	13.440	1297	1299	1301	rBV2	213745	277253	16.15%	1.093%
66	13.480	1301	1303	1305	rBV	114249	140686	8.19%	0.555%
67	13.558	1309	1311	1313	rVB	275889	312576	18.21%	1.233%
68	13.598	1313	1315	1317	rBV	270998	367990	21.43%	1.451%
69	13.637	1317	1319	1321	rVB2	126260	170127	9.91%	0.671%
70	13.677	1321	1323	1324	rBV	76710	87520	5.10%	0.345%
71	13.696	1324	1325	1330	rVB2	101653	133400	7.77%	0.526%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060376.D
 Acq On : 28 Sep 2018 19:26
 Operator : VA/AP
 Sample : J4777-39
 Misc : 6.74/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-D

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\82F091918S.M
 Title : SW846 8260

72	13.765	1330	1332	1336	rBV3	193780	424153	24.70%	1.673%
73	13.815	1336	1337	1340	rVB2	82004	77092	4.49%	0.304%
74	13.864	1340	1342	1344	rBV	173372	255915	14.91%	1.009%
75	13.913	1344	1347	1351	rVV3	412782	963690	56.13%	3.801%
76	13.972	1351	1353	1355	rVB2	190874	255334	14.87%	1.007%
77	14.012	1355	1357	1361	rVB4	125749	267026	15.55%	1.053%
78	14.071	1361	1363	1364	rBV	46408	53843	3.14%	0.212%
79	14.110	1364	1367	1369	rBV2	76409	164510	9.58%	0.649%
80	14.209	1372	1377	1382	rBV4	366857	1076045	62.67%	4.244%
81	14.278	1382	1384	1390	rVB4	260946	444182	25.87%	1.752%
82	14.357	1390	1392	1395	rBV3	197663	275720	16.06%	1.087%
83	14.416	1395	1398	1402	rVB6	105836	223686	13.03%	0.882%
84	14.485	1402	1405	1406	rBV3	55474	80694	4.70%	0.318%
85	14.515	1406	1408	1410	rBV2	98321	155984	9.08%	0.615%
86	14.544	1410	1411	1416	rVB5	117117	219954	12.81%	0.867%
87	14.613	1416	1418	1420	rBV2	51949	85336	4.97%	0.337%
88	14.791	1433	1436	1439	rVB4	170746	319383	18.60%	1.260%
89	14.879	1443	1445	1447	rBV2	72396	98960	5.76%	0.390%
90	14.919	1447	1449	1451	rVV2	75953	125846	7.33%	0.496%
91	14.958	1451	1453	1455	rVB2	67239	86684	5.05%	0.342%
92	14.998	1455	1457	1459	rVB2	61313	83972	4.89%	0.331%
93	15.047	1459	1462	1468	rBV4	169058	358612	20.89%	1.414%
94	15.165	1471	1474	1477	rVB3	54525	75787	4.41%	0.299%
95	15.224	1477	1480	1481	rBV2	85008	135221	7.88%	0.533%
96	15.333	1486	1491	1494	rBV5	108367	263063	15.32%	1.037%
97	15.392	1494	1497	1500	rVV3	60185	105912	6.17%	0.418%
98	15.461	1502	1504	1512	rVB2	51150	116146	6.76%	0.458%
99	15.885	1542	1547	1550	rBV7	50239	119326	6.95%	0.471%
100	15.993	1556	1558	1563	rVB5	23564	59912	3.49%	0.236%

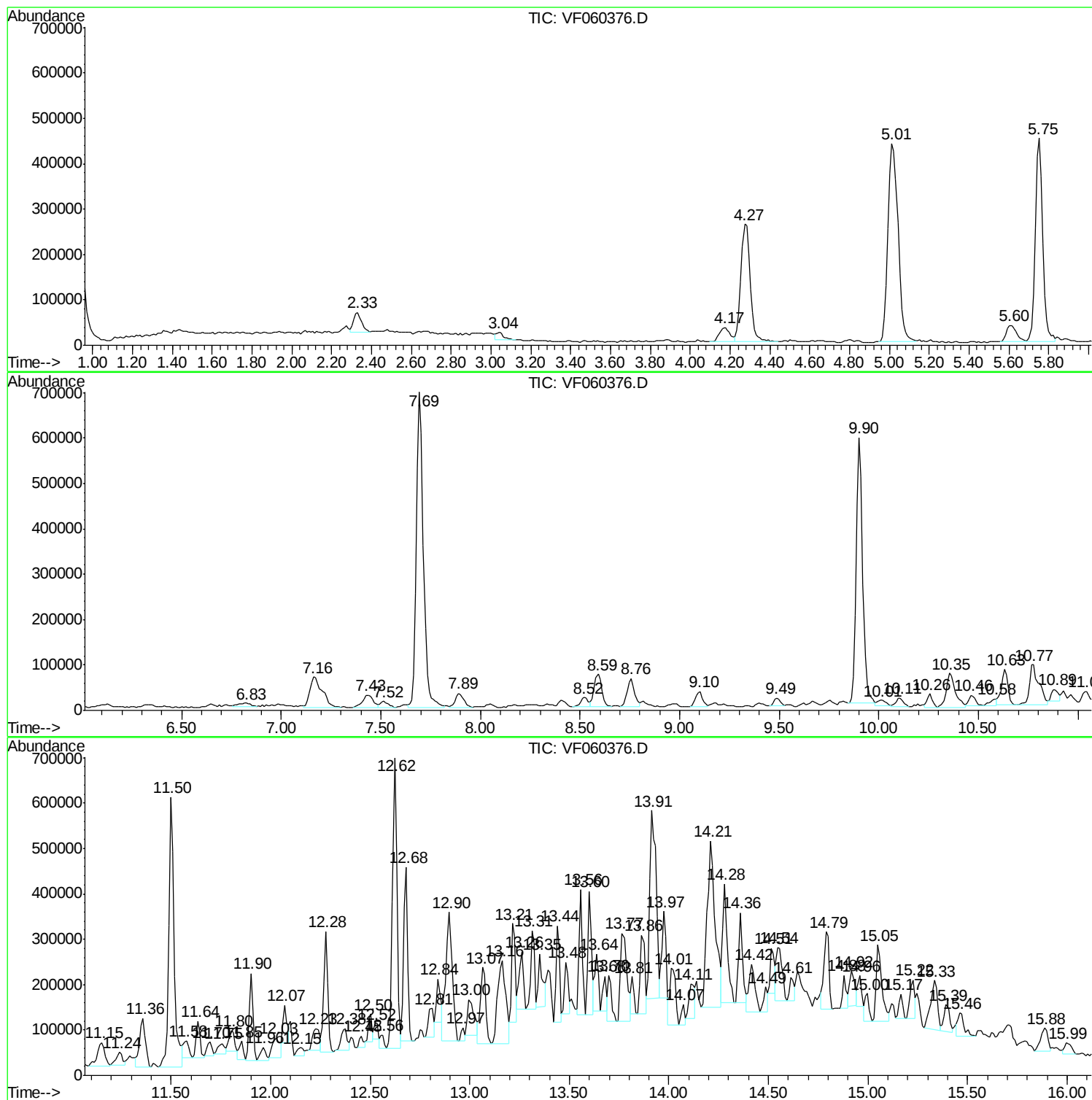
Sum of corrected areas: 25355489

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

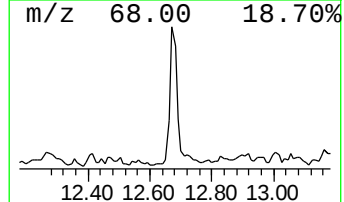
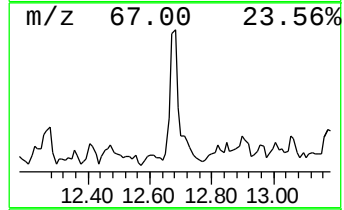
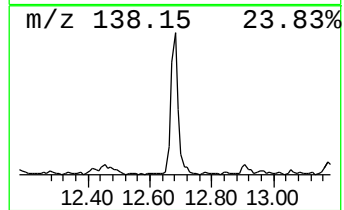
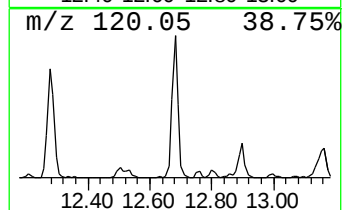
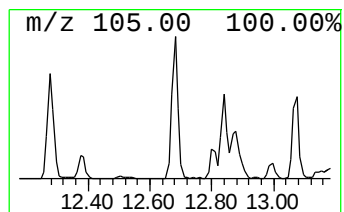
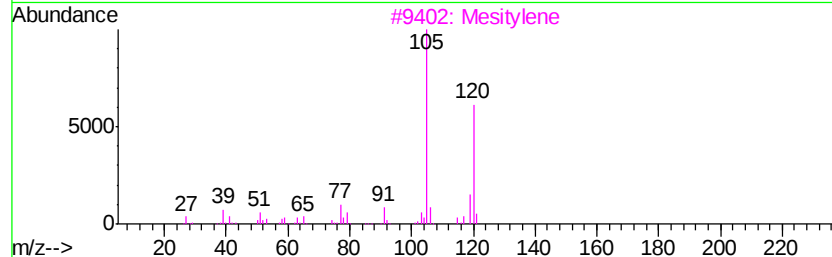
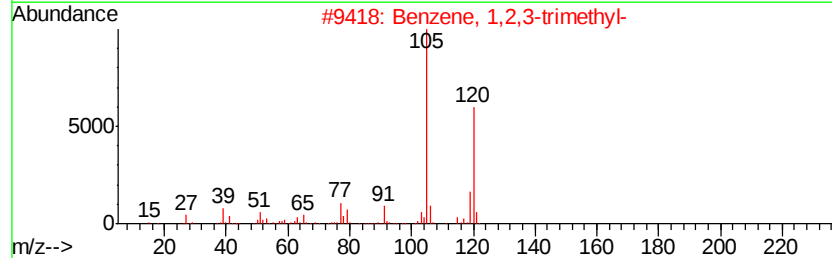
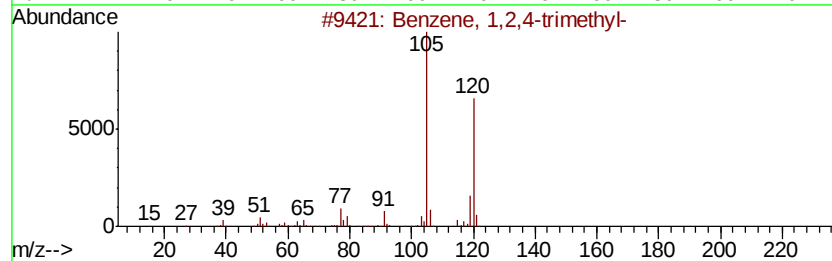
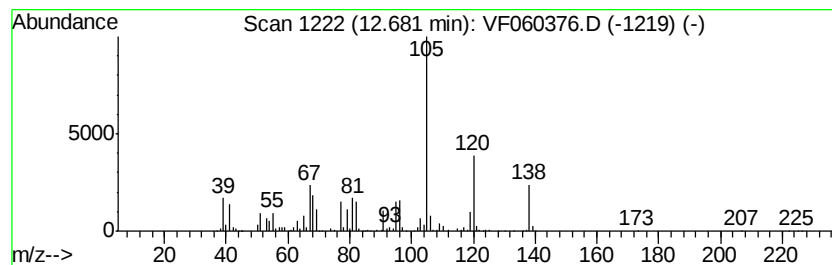
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	29.51 ug/l	550488	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
3		Mesitylene	120	C9H12	000108-67-8	55
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

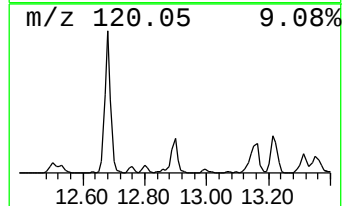
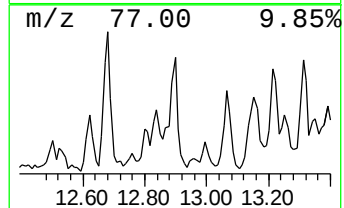
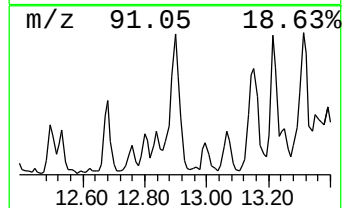
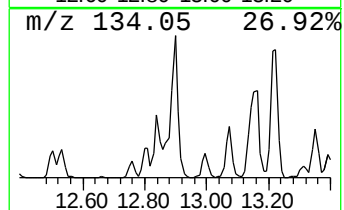
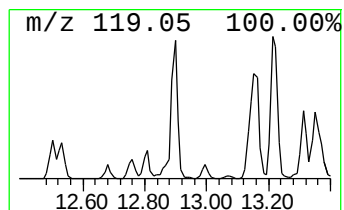
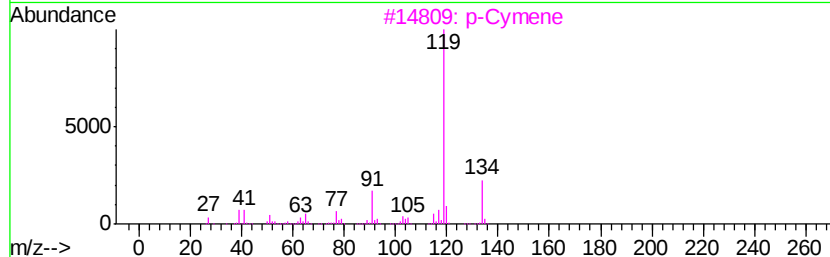
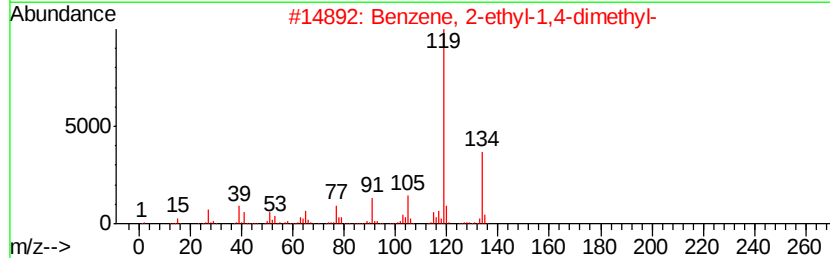
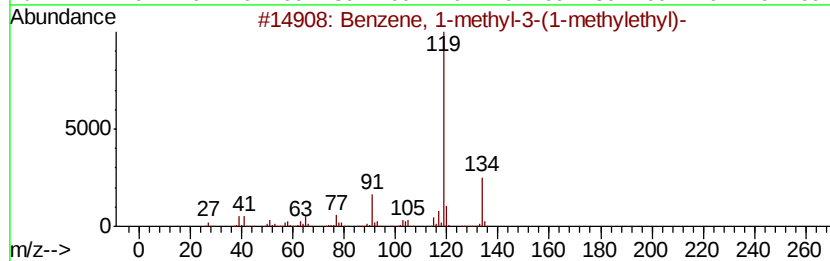
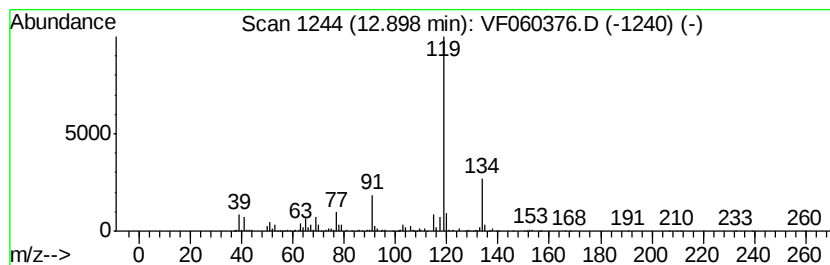
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.90	32.92 ug/l	614168	1,4-Dichlorobenzene-d4	12.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91	
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91	
3	p-Cymene	134	C10H14	000099-87-6	91	
4	o-Cymene	134	C10H14	000527-84-4	91	
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

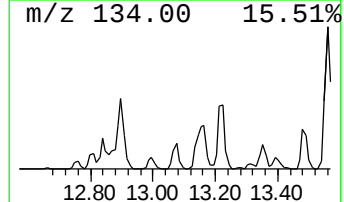
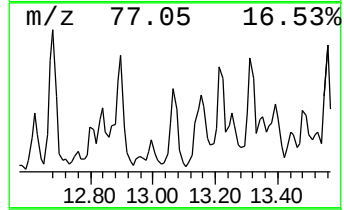
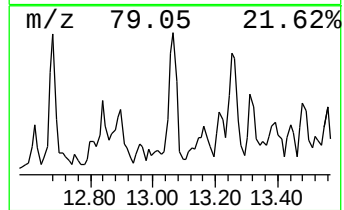
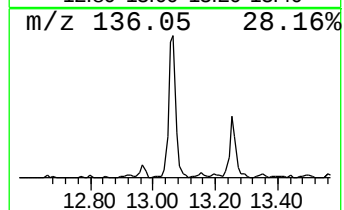
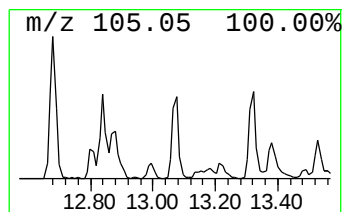
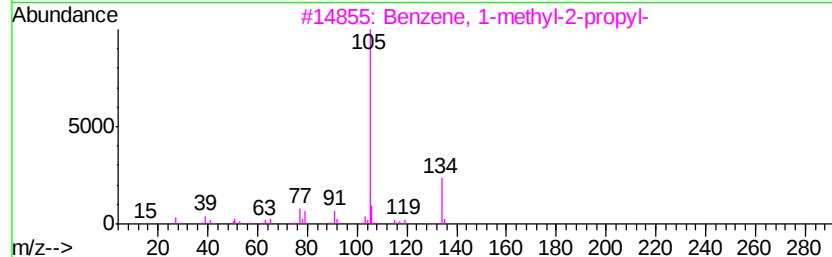
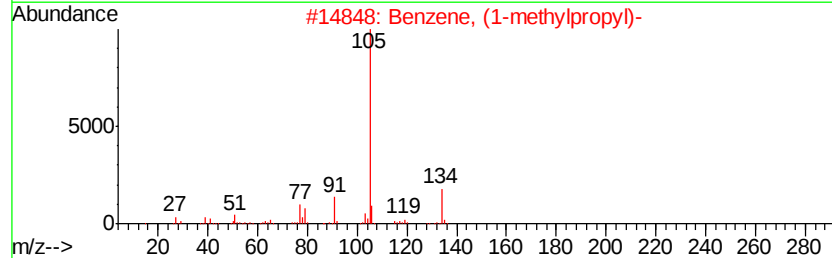
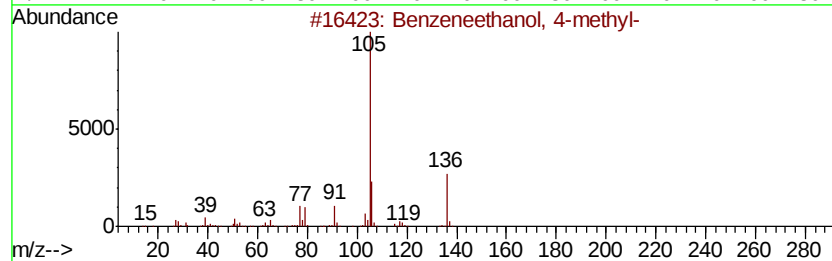
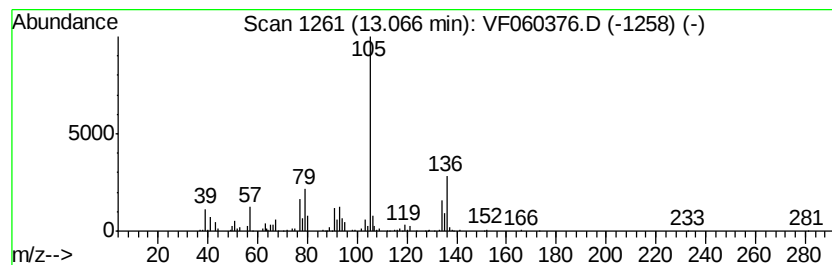
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown13.07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	17.43 ug/l	325062	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanol, 4-methyl-	136	C9H12O	000699-02-5	43
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleID :
PL-01-092718-D

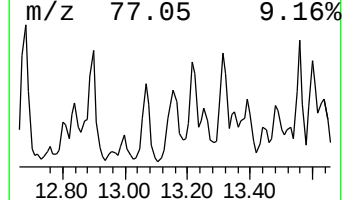
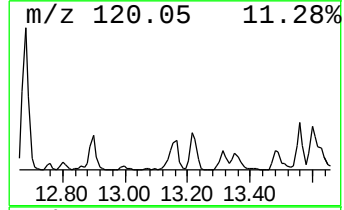
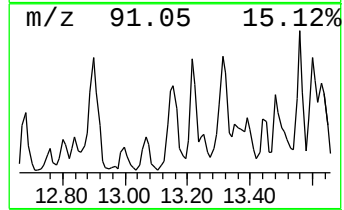
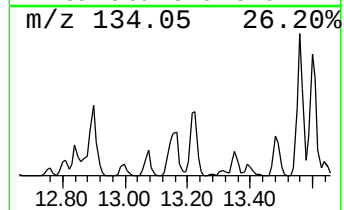
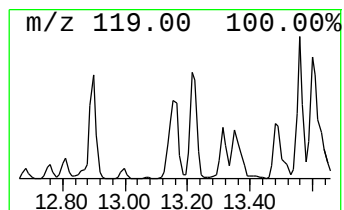
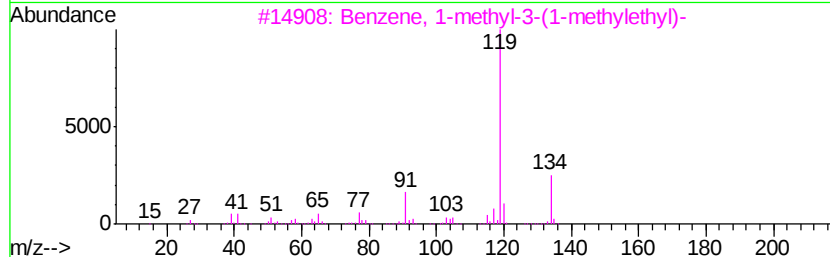
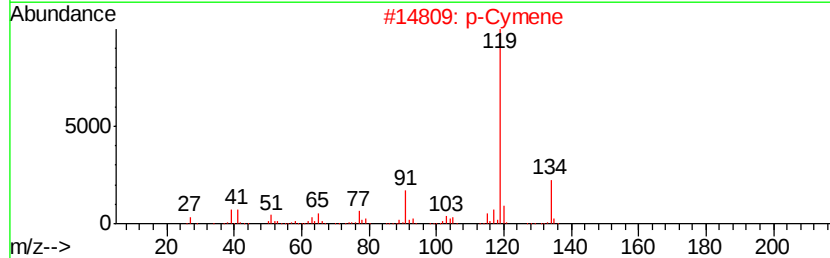
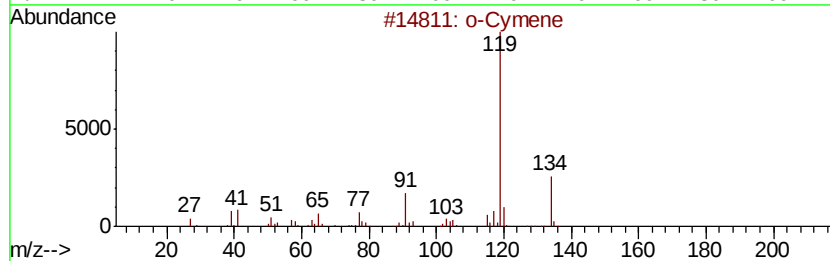
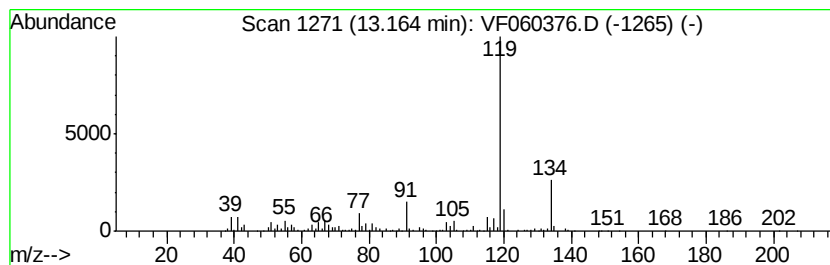
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	28.01 ug/l	522454	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		p-Cymene	134	C10H14	000099-87-6	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

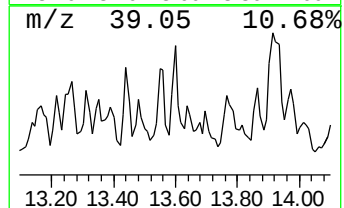
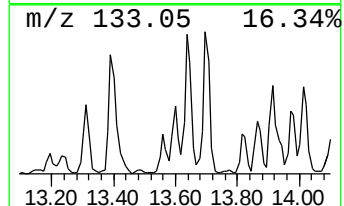
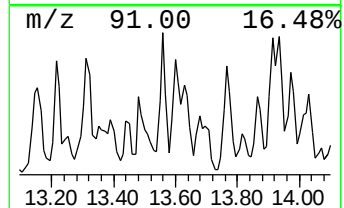
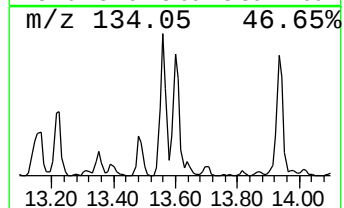
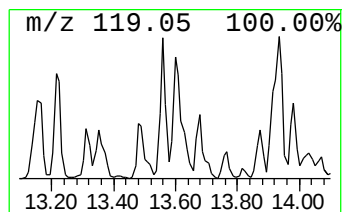
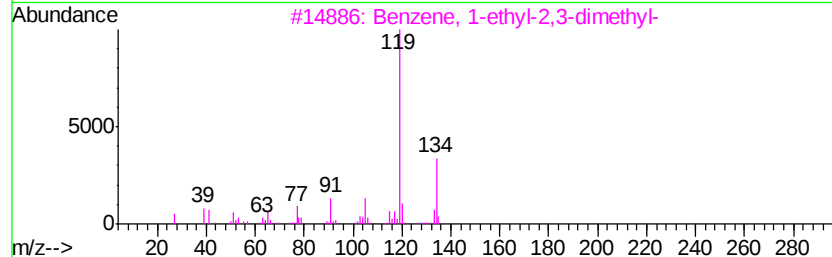
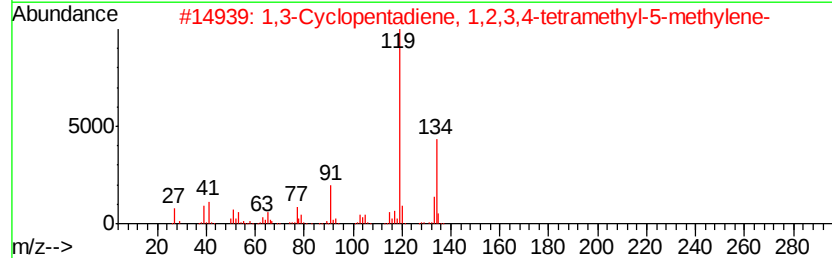
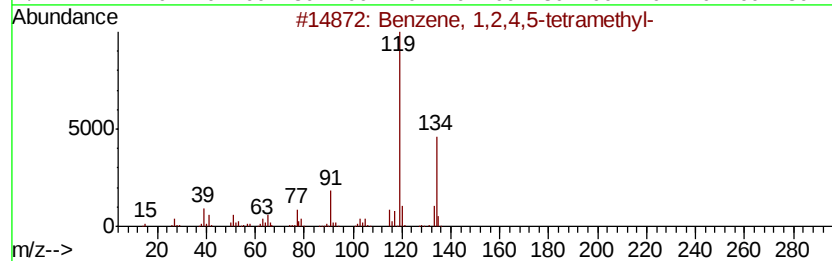
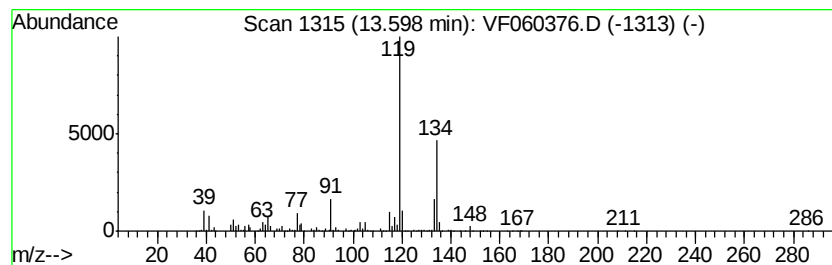
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	19.73 ug/l	367990	1,4-Dichlorobenzene-d4	12.62

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

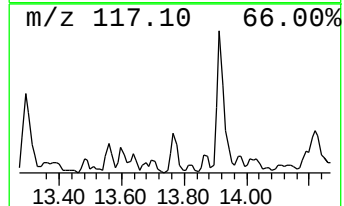
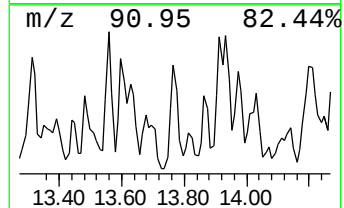
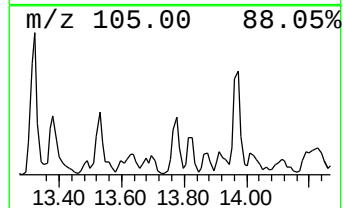
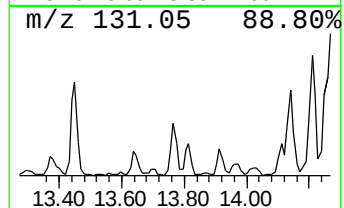
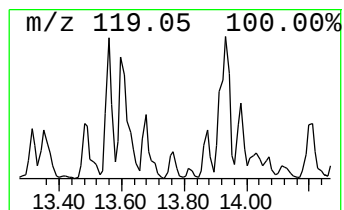
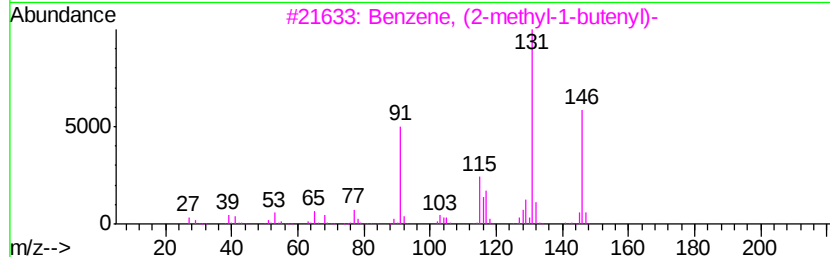
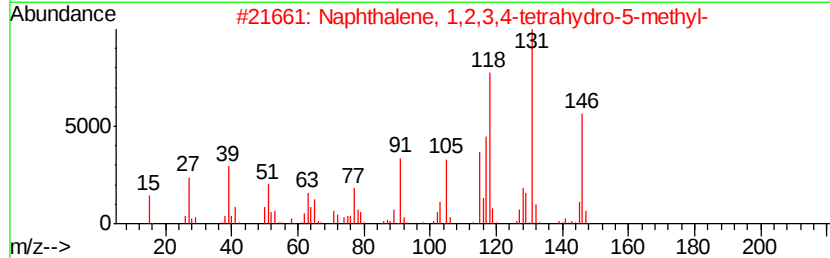
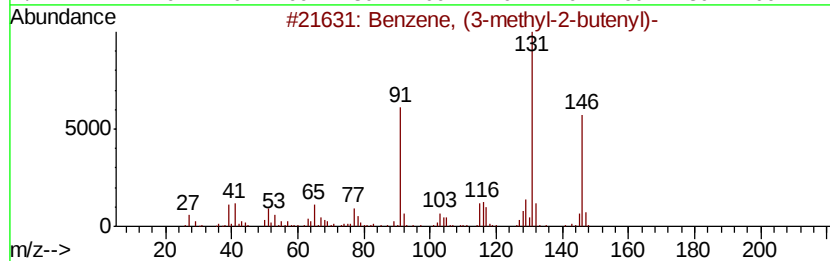
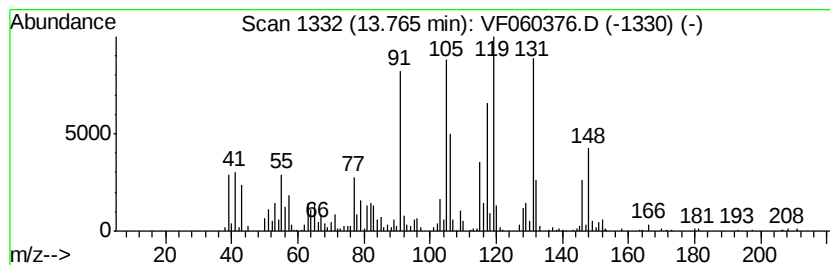
Instrument :
MSVOA_F
ClientSampled :
PL-01-092718-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown13.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	22.74 ug/l	424153	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 42
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 38
3		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 38
4		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 38
5		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

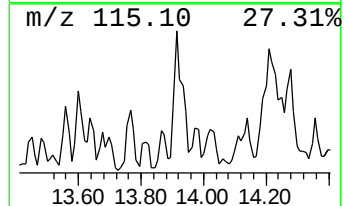
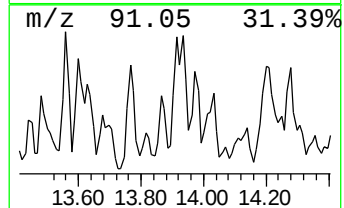
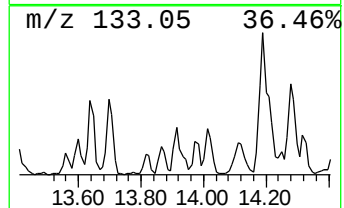
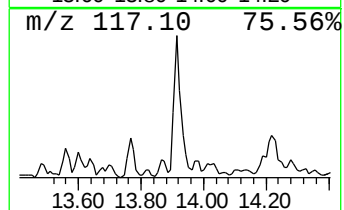
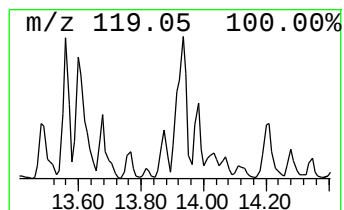
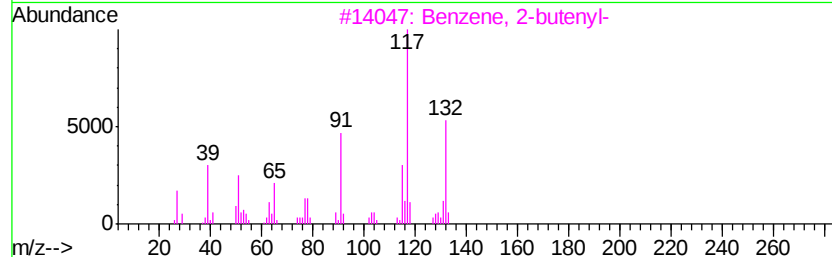
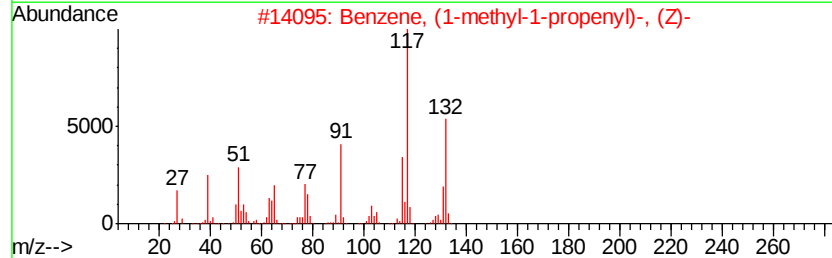
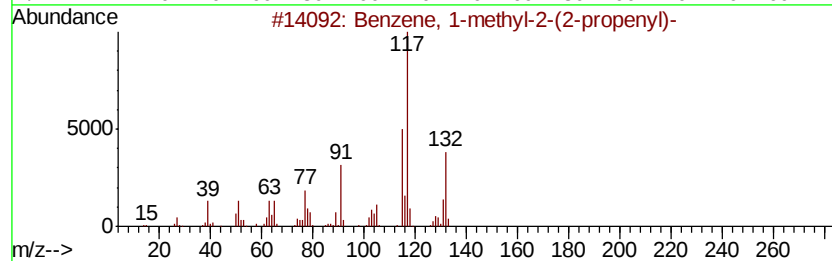
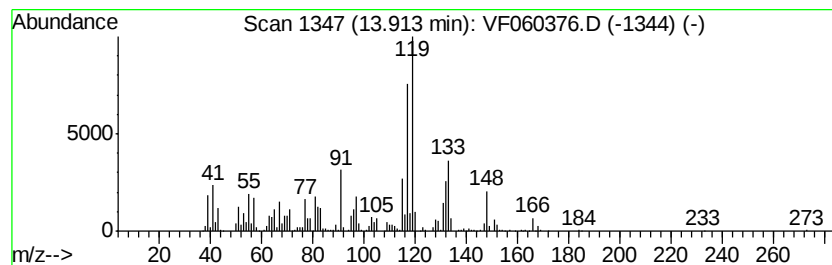
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	51.66 ug/l	963690	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampled :
PL-01-092718-D

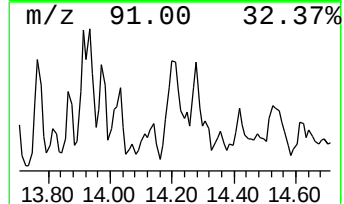
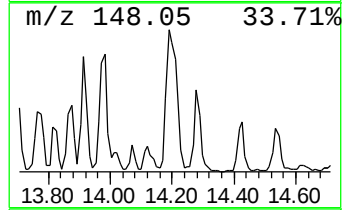
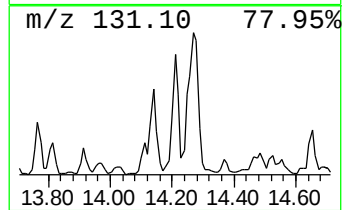
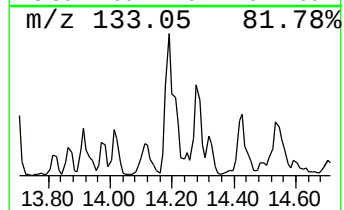
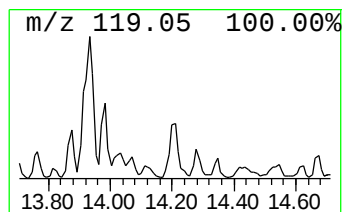
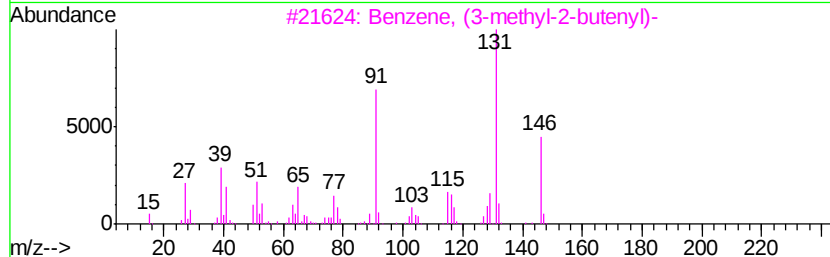
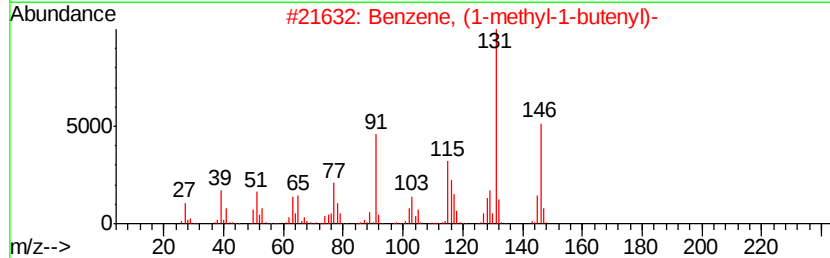
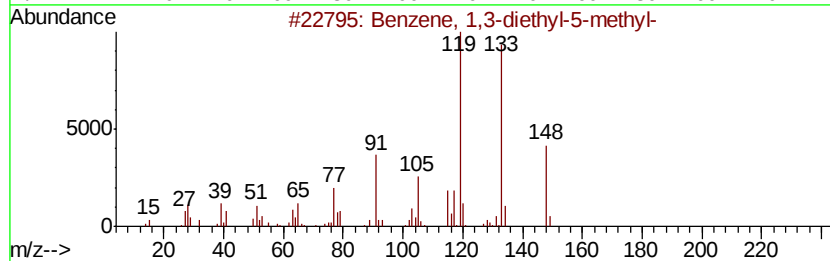
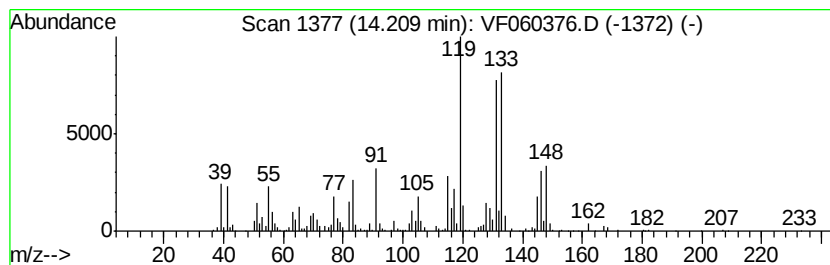
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	57.68 ug/l	1076050	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
2		Benzene, (1-methyl-1-butenvl)-	146	C11H14	053172-84-2	80
3		Benzene, (3-methyl-2-butenvl)-	146	C11H14	004489-84-3	70
4		Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	42
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

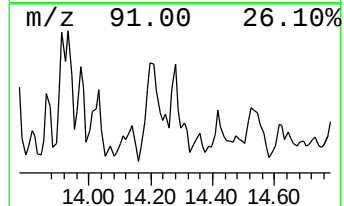
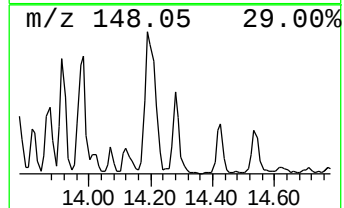
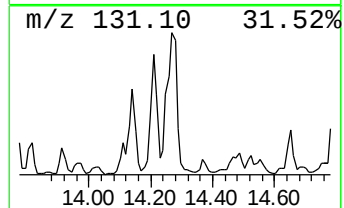
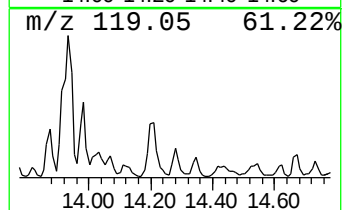
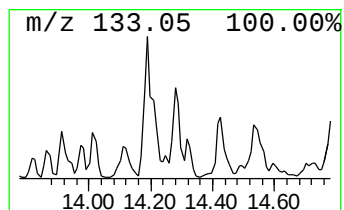
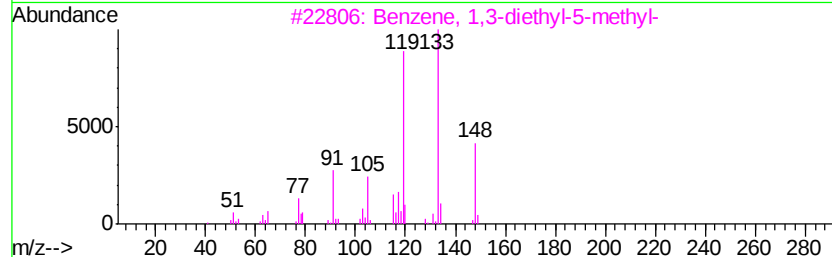
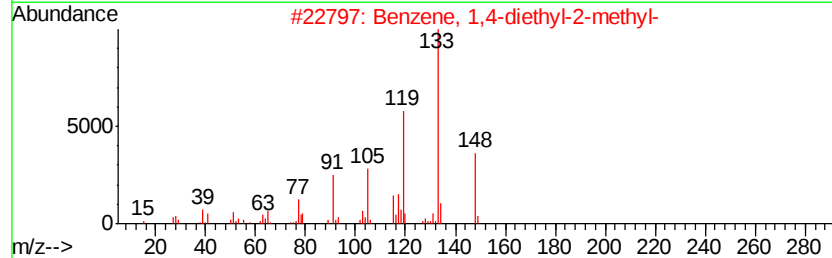
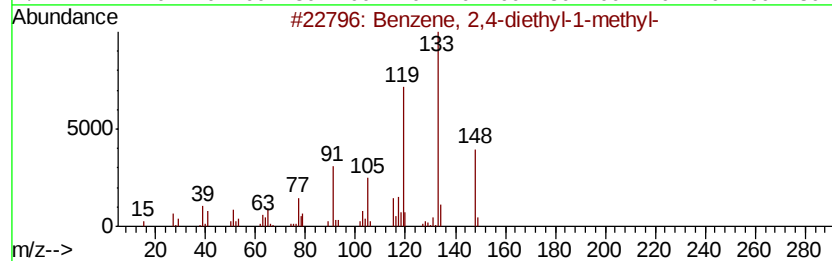
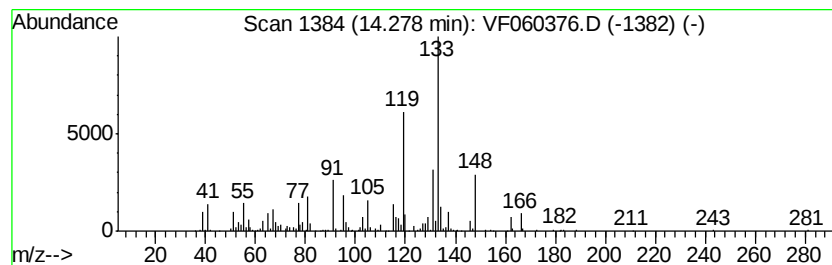
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	23.81 ug/l	444182	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	62
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
3		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

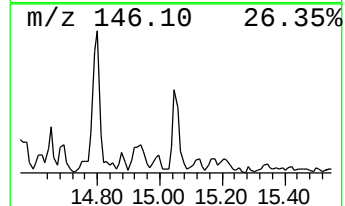
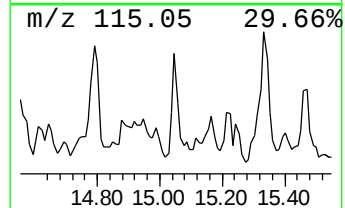
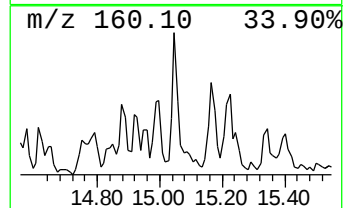
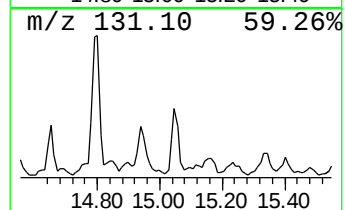
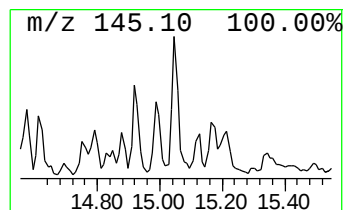
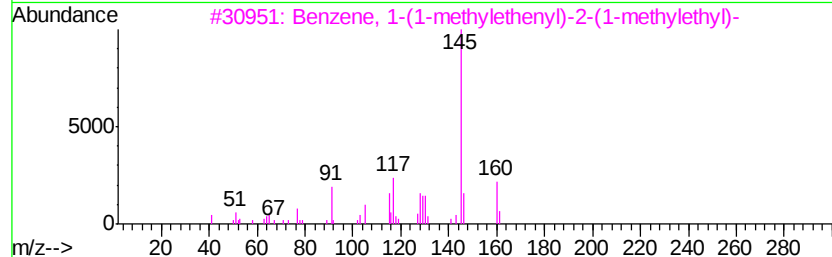
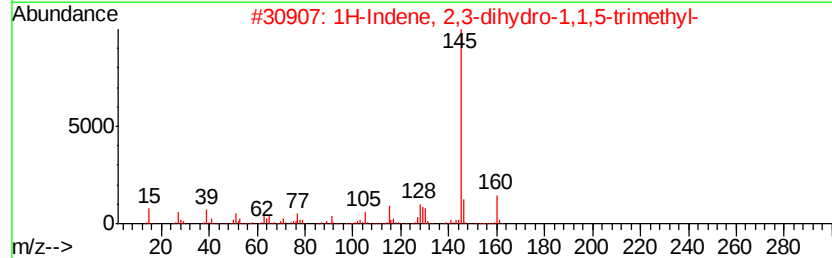
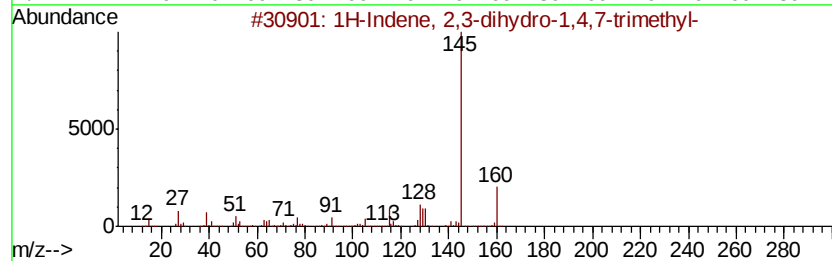
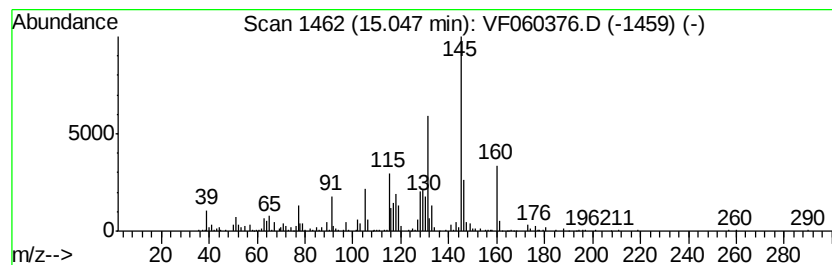
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	19.22 ug/l	358612	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	78
2		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	60
3		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF092818\
Data File : VF060376.D
Acq On : 28 Sep 2018 19:26
Operator : VA/AP
Sample : J4777-39
Misc : 6.74/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.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, 1,2,4-tr...	12.68	29.5	ug/l	550488	4	12.62	932707	50.0
Benzene, 1-methyl...	12.90	32.9	ug/l	614168	4	12.62	932707	50.0
unknown13.07	13.07	17.4	ug/l	325062	4	12.62	932707	50.0
o-Cymene	13.16	28.0	ug/l	522454	4	12.62	932707	50.0
Benzene, 1,2,4,5-...	13.60	19.7	ug/l	367990	4	12.62	932707	50.0
unknown13.77	13.77	22.7	ug/l	424153	4	12.62	932707	50.0
Benzene, 1-methyl...	13.91	51.7	ug/l	963690	4	12.62	932707	50.0
Benzene, 1,3-diet...	14.21	57.7	ug/l	1076050	4	12.62	932707	50.0
Benzene, 2,4-diet...	14.28	23.8	ug/l	444182	4	12.62	932707	50.0
1H-Indene, 2,3-di...	15.05	19.2	ug/l	358612	4	12.62	932707	50.0