

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060236.D
 Acq On : 10 Sep 2018 15:52
 Operator : VA/AP
 Sample : J4803-12
 Misc : 5.70/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H7

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\82F090618S.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	5.040	439	447	461	rBV2	233861	836092	1.17%	0.107%
2	7.721	709	719	734	rBV3	286678	973673	1.37%	0.124%
3	8.441	786	792	799	rBV	332020	1186984	1.67%	0.152%
4	8.618	799	810	821	rVB3	652930	2541054	3.57%	0.325%
5	8.786	821	827	844	rBV	849747	3832904	5.38%	0.490%
6	9.131	855	862	871	rBV3	988329	4759137	6.68%	0.608%
7	9.259	871	875	887	rVB2	609809	2499240	3.51%	0.319%
8	9.446	887	894	904	rBV2	914939	4324383	6.07%	0.552%
9	9.702	913	920	927	rBV3	452425	2036390	2.86%	0.260%
10	9.870	930	937	938	rBV4	468930	1484837	2.08%	0.190%
11	9.929	938	943	960	rVB4	2151234	13439540	18.86%	1.717%
12	10.136	960	964	969	rVB	318942	820617	1.15%	0.105%
13	10.235	969	974	975	rBV	295733	743499	1.04%	0.095%
14	10.284	975	979	984	rVB	1115261	3005397	4.22%	0.384%
15	10.402	984	991	998	rBV4	2304574	12037996	16.90%	1.538%
16	10.501	998	1001	1010	rVB4	885311	3152120	4.42%	0.403%
17	10.668	1010	1018	1027	rBV2	3674364	16700976	23.44%	2.133%
18	10.826	1027	1034	1042	rBV3	7096483	33727294	47.34%	4.308%
19	10.974	1045	1049	1057	rVB4	2484674	10232519	14.36%	1.307%
20	11.201	1065	1072	1074	rBV3	3039774	10410103	14.61%	1.330%
21	11.408	1088	1093	1101	rVB2	6981467	29075943	40.81%	3.714%
22	11.723	1117	1125	1131	rBV4	2794957	13992337	19.64%	1.787%
23	11.851	1132	1138	1143	rBV	9474510	30658533	43.03%	3.916%
24	11.970	1144	1150	1154	rVB	12157474	39475606	55.41%	5.042%
25	12.029	1154	1156	1157	rBV2	510239	869534	1.22%	0.111%
26	12.157	1161	1169	1173	rVB3	12074500	49462975	69.43%	6.318%
27	12.226	1173	1176	1180	rVB2	3425420	6230857	8.75%	0.796%
28	12.364	1180	1190	1193	rBV4	15926561	71244868	100.00%	9.100%
29	12.423	1193	1196	1199	rVB3	3027046	6619604	9.29%	0.846%
30	12.472	1199	1201	1203	rBV2	1235564	2028320	2.85%	0.259%
31	12.531	1203	1207	1208	rBV2	8099775	15176020	21.30%	1.938%
32	12.561	1208	1210	1212	rVB	3754896	5351367	7.51%	0.684%
33	12.669	1219	1221	1223	rVB	4324430	5666031	7.95%	0.724%
34	12.758	1223	1230	1232	rBV	14386457	53067907	74.49%	6.778%

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35	12.798	1232	1234	1236	rVB2	4025773	5393971	7.57%	0.689%
36	12.847	1236	1239	1241	rBV4	7859590	17264936	24.23%	2.205%
37	12.896	1241	1244	1246	rBV	5166858	10671168	14.98%	1.363%
38	13.044	1255	1259	1262	rBV2	6247142	12848734	18.03%	1.641%
39	13.113	1262	1266	1270	rVB2	11433753	24758676	34.75%	3.162%
40	13.212	1270	1276	1279	rBV4	12109725	41736964	58.58%	5.331%
41	13.271	1279	1282	1286	rVV2	12246961	27052802	37.97%	3.455%
42	13.350	1286	1290	1292	rVV3	9906781	23445975	32.91%	2.995%
43	13.389	1292	1294	1301	rVB4	8134967	21378779	30.01%	2.731%
44	13.488	1301	1304	1305	rBV2	4494936	7527320	10.57%	0.961%
45	13.517	1305	1307	1309	rVV	7849381	10141151	14.23%	1.295%
46	13.586	1312	1314	1316	rVV	5682071	8815642	12.37%	1.126%
47	13.635	1316	1319	1324	rVB2	10911309	22944273	32.20%	2.931%
48	13.704	1324	1326	1327	rBV	1589419	1801462	2.53%	0.230%
49	13.793	1332	1335	1338	rBV3	6970136	11661601	16.37%	1.490%
50	13.842	1338	1340	1343	rVB	2165550	3245296	4.56%	0.415%
51	13.902	1343	1346	1348	rBV	3925655	6907765	9.70%	0.882%
52	13.941	1348	1350	1351	rVV	8171828	11650113	16.35%	1.488%
53	13.971	1351	1353	1358	rVB2	9693690	19256001	27.03%	2.460%
54	14.059	1358	1362	1366	rVB	8840690	16527079	23.20%	2.111%
55	14.128	1366	1369	1370	rBV	1373620	1843075	2.59%	0.235%
56	14.158	1370	1372	1374	rVB	1577215	2012294	2.82%	0.257%
57	14.227	1374	1379	1382	rBV4	3571712	7499722	10.53%	0.958%
58	14.286	1383	1385	1391	rVB2	2435388	4170894	5.85%	0.533%
59	14.434	1396	1400	1402	rVB2	514336	845275	1.19%	0.108%
60	14.532	1407	1410	1417	rVB3	935405	2292402	3.22%	0.293%
61	14.670	1421	1424	1431	rVB3	329125	772597	1.08%	0.099%
62	14.808	1435	1438	1441	rVB	588101	786605	1.10%	0.100%

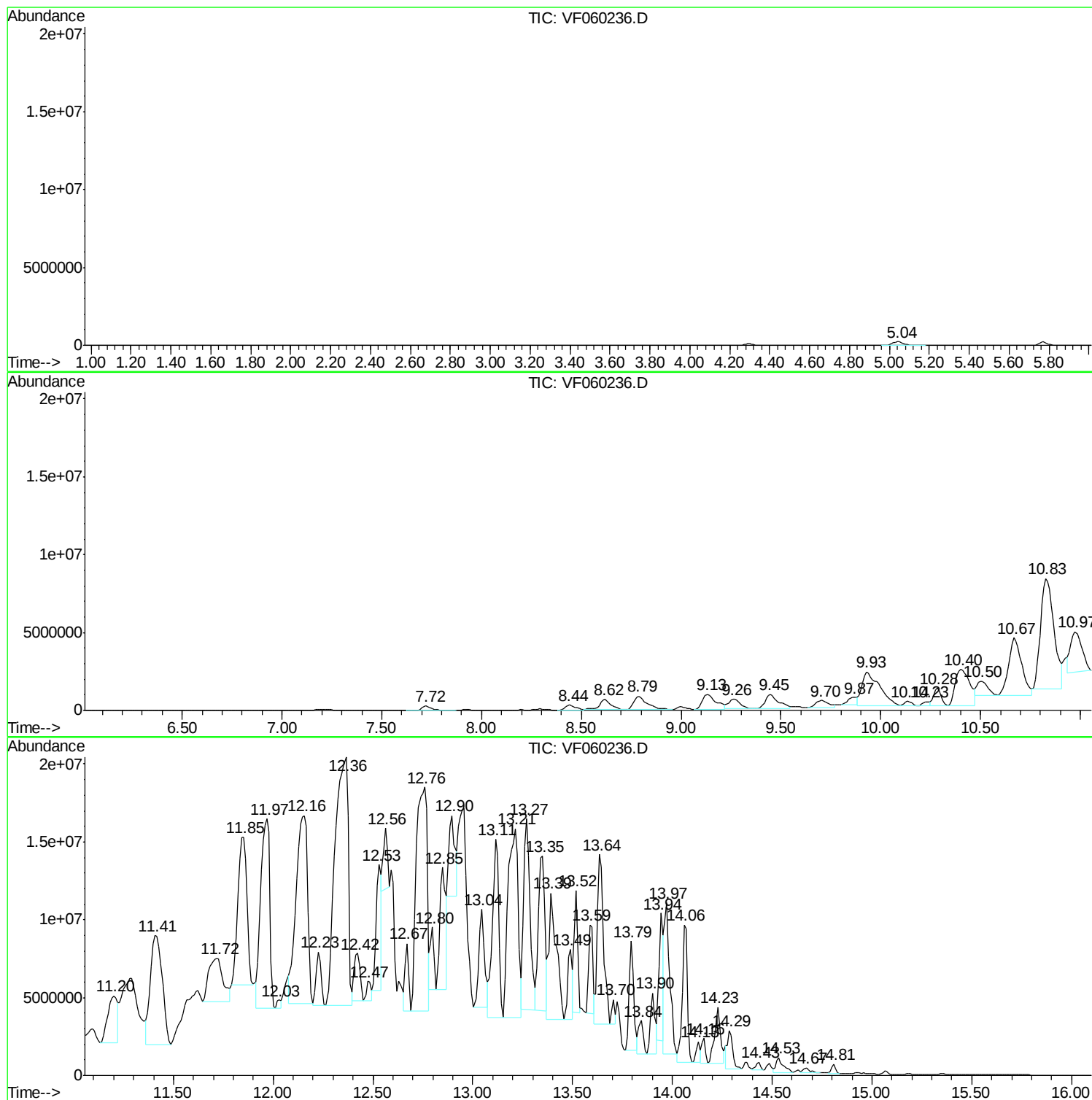
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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



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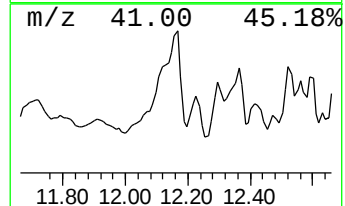
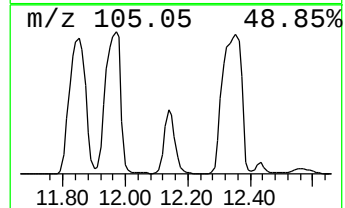
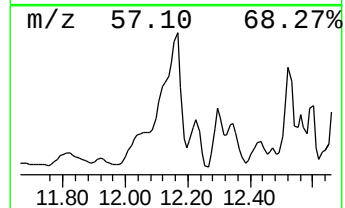
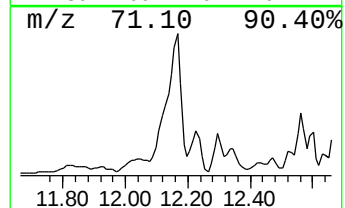
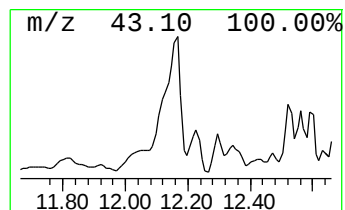
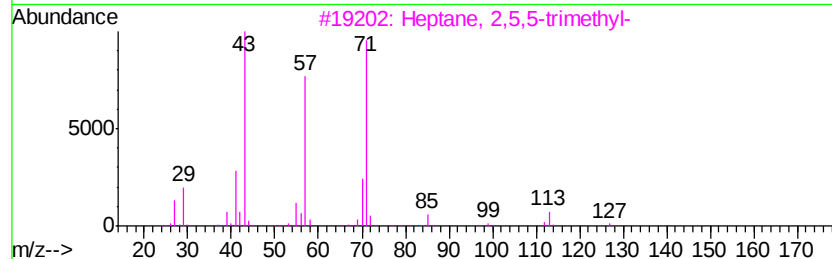
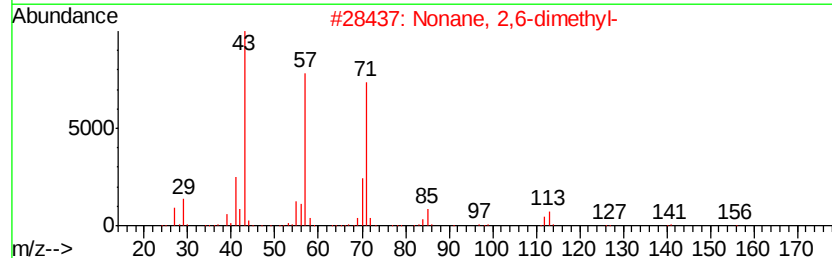
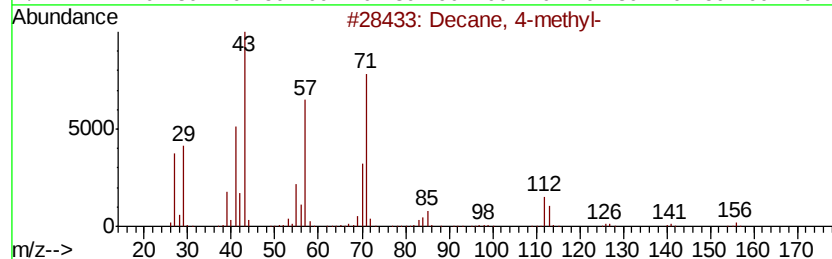
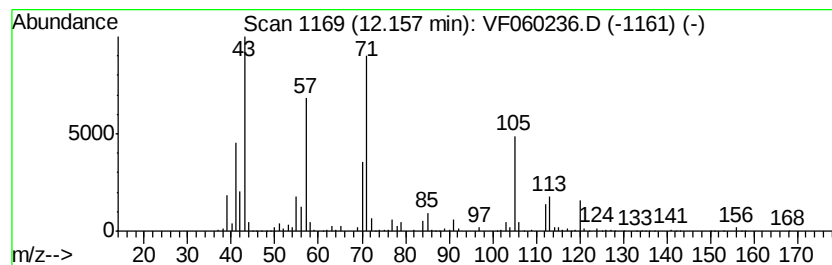
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	436.49 ug/l	49463000	1,4-Dichlorobenzene-d4	12.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	93
2	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	76
3	Heptane, 2,5,5-trimethyl-	142 C10H22	001189-99-7	59
4	n-Amyl ether	158 C10H22O	000693-65-2	58
5	4-Methyl-3-heptanol, pentafluoro...	276 C11H17F5O2	1000365-51-7	53



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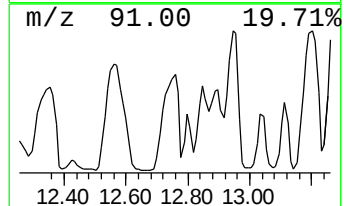
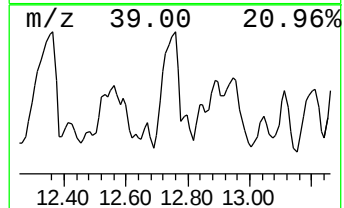
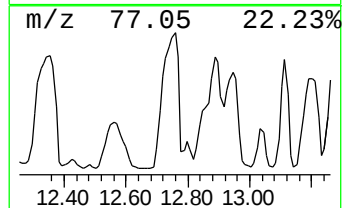
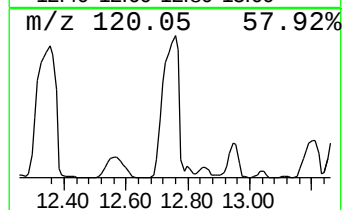
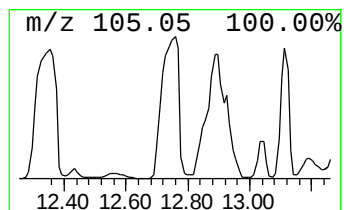
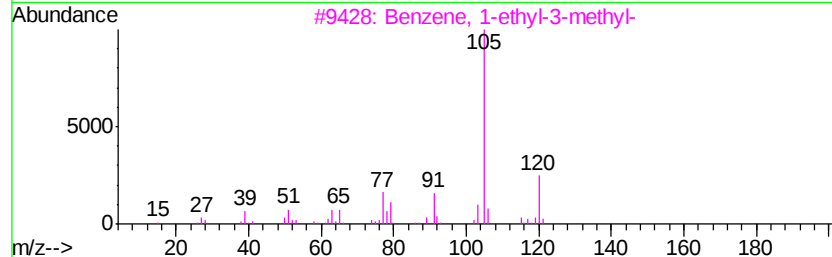
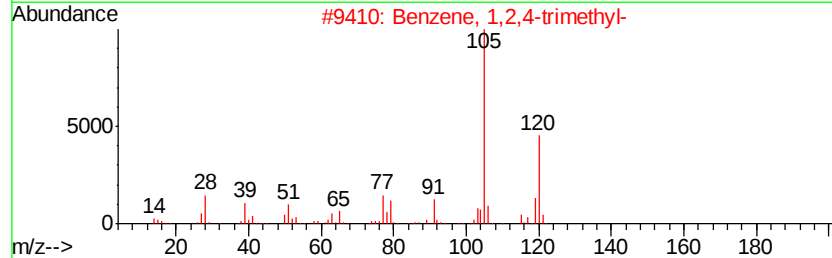
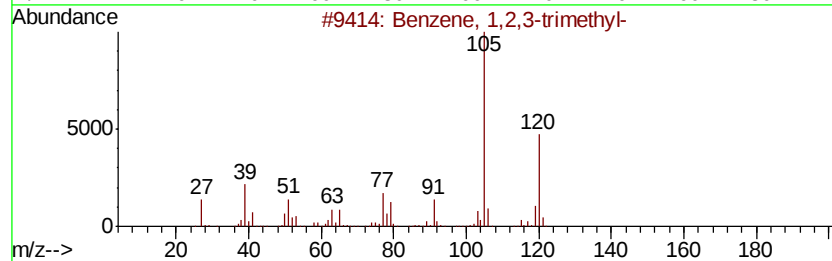
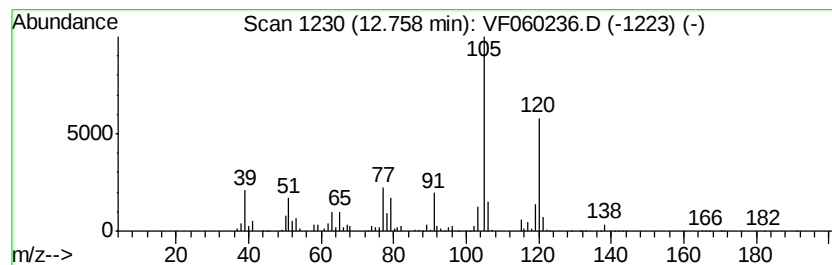
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Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	468.30 ug/l	53067900	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5		Mesitylene	120	C9H12	000108-67-8	86



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ClientSampled :
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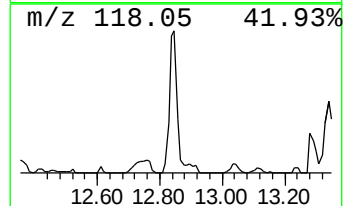
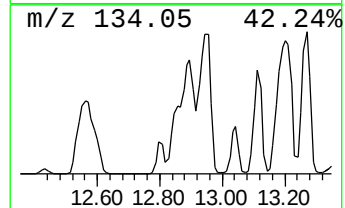
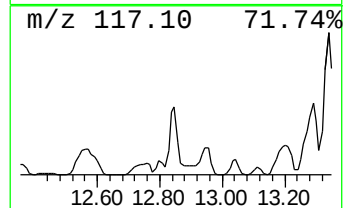
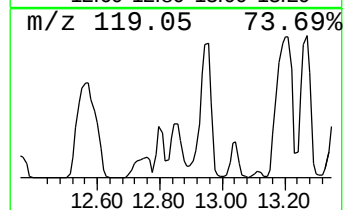
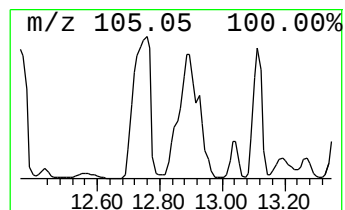
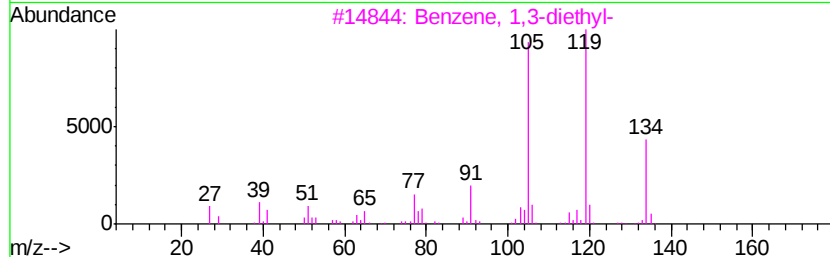
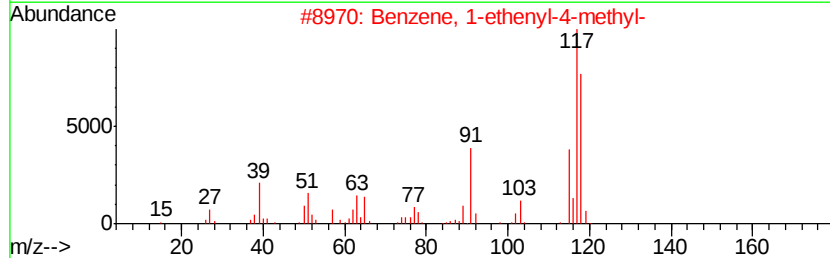
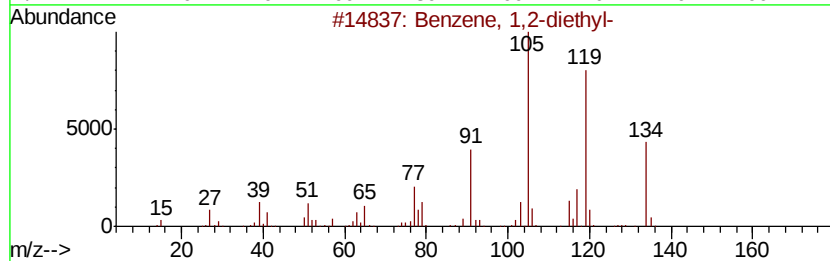
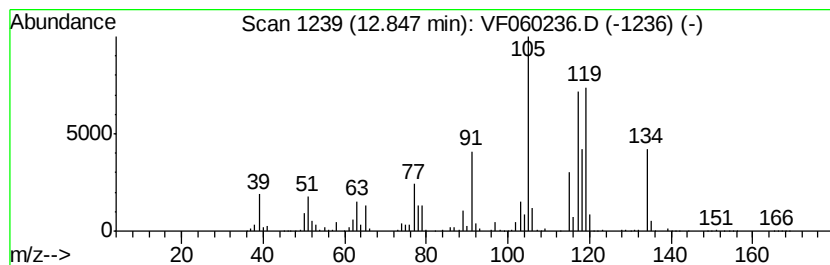
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	152.36 ug/l	17264900	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	58
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	42



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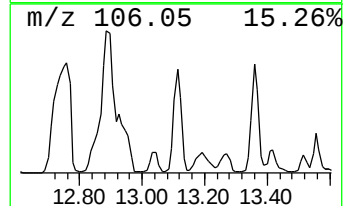
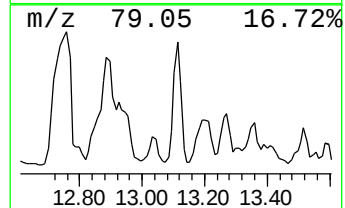
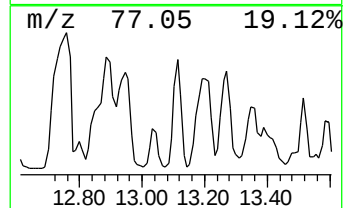
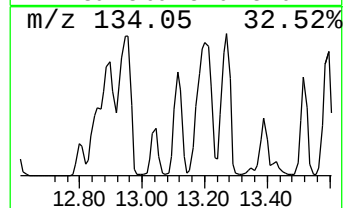
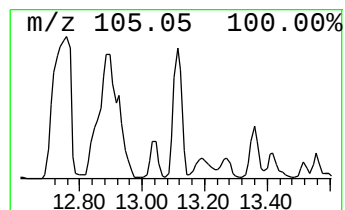
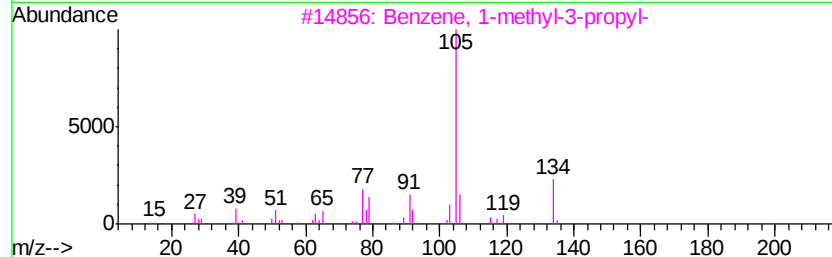
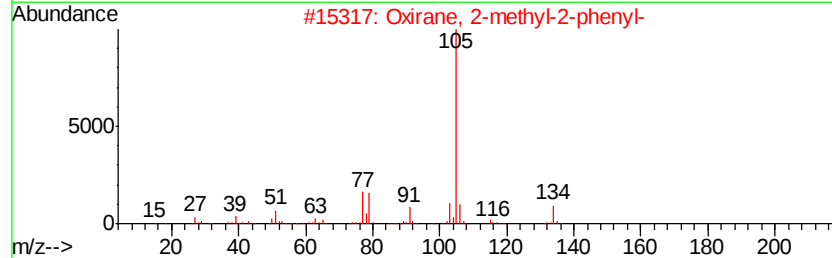
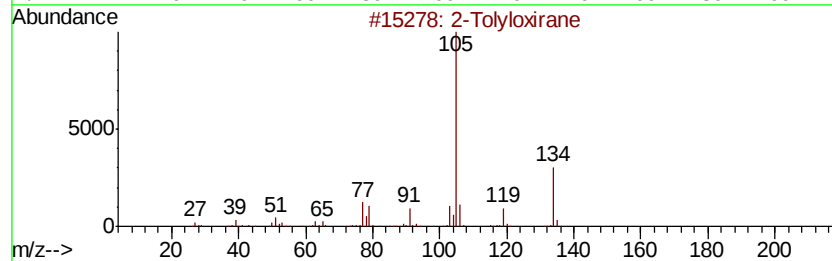
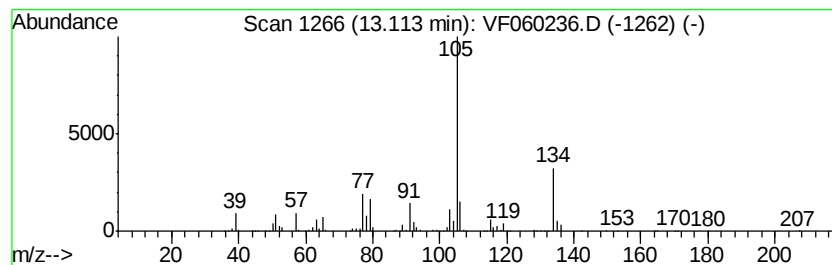
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Peak Number 4 2-Tolyloxirane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	218.48 ug/l	24758700	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tolyloxirane	134	C9H10O	002783-26-8	87
2		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	83
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76



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Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

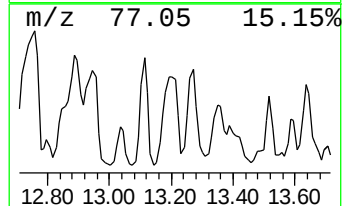
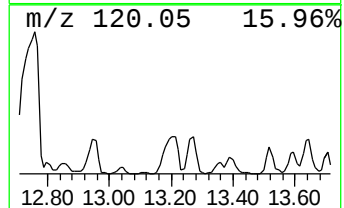
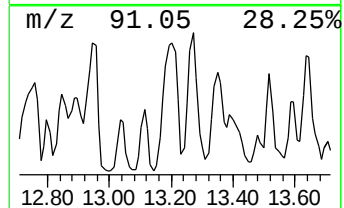
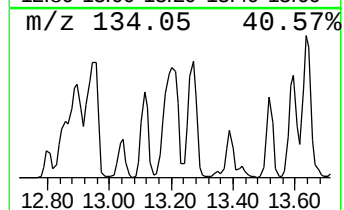
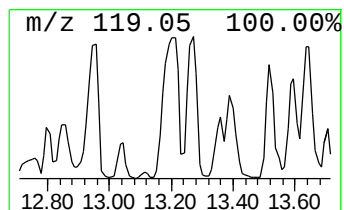
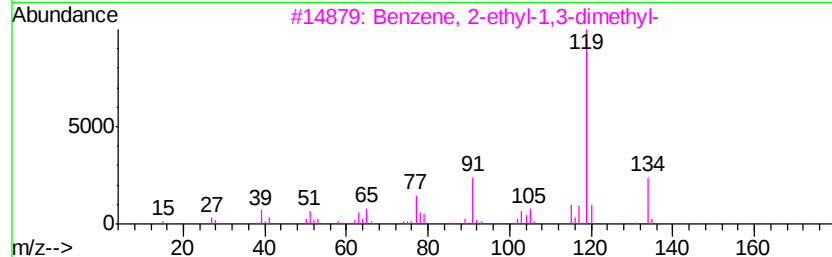
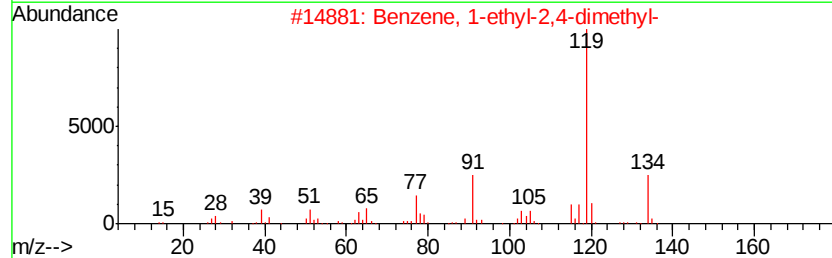
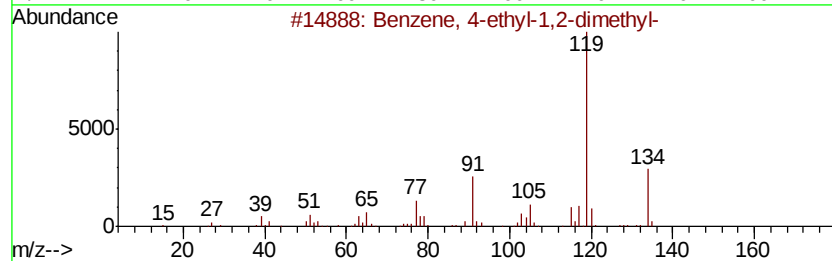
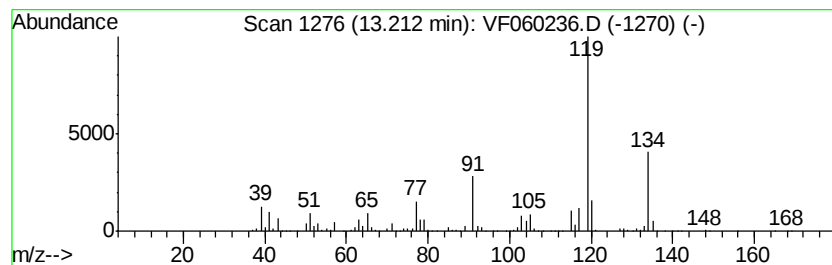
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	368.31 ug/l	41737000	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
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	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060236.D
Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

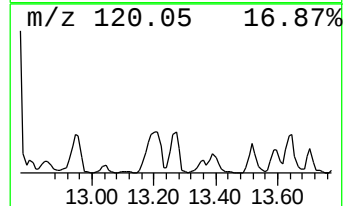
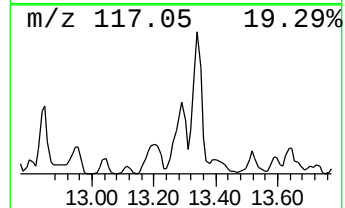
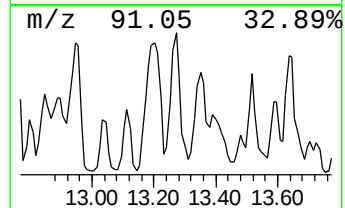
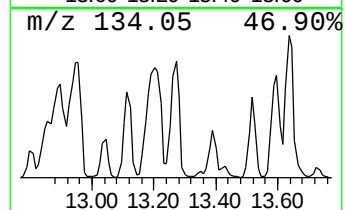
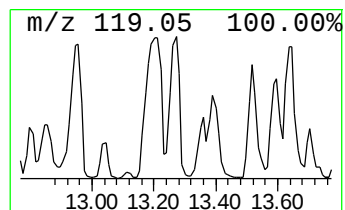
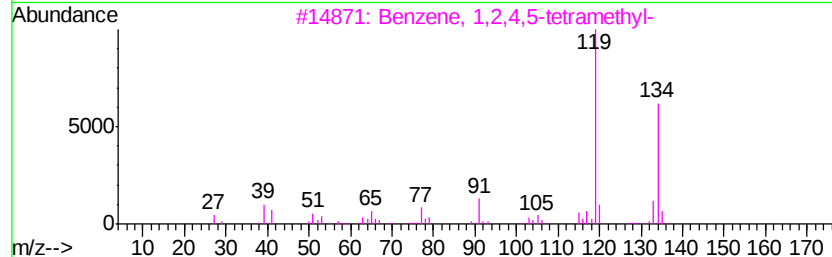
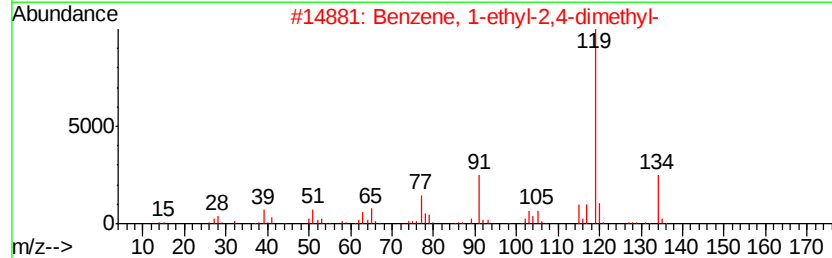
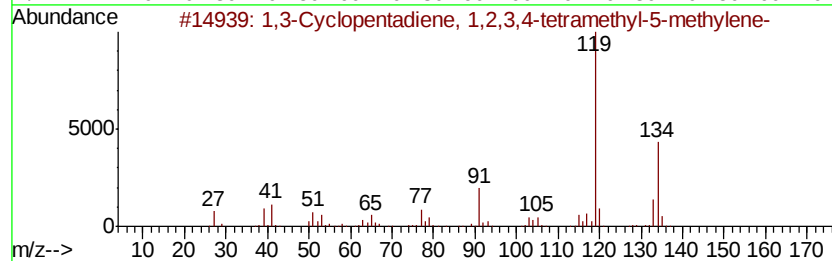
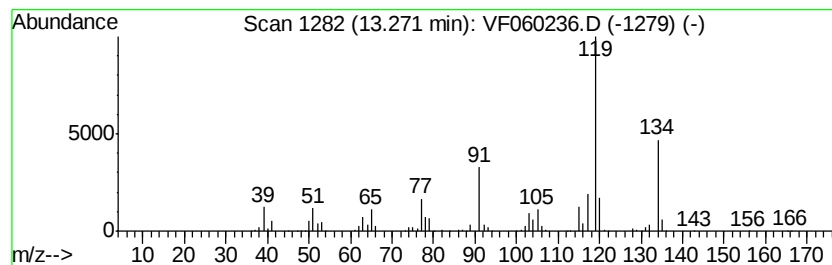
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Quant Title : SW846 8260

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

Peak Number 6 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	238.73 ug/l	27052800	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4		o-Cymene	134	C10H14	000527-84-4	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060236.D
Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampled :
EP1-Q2-H7

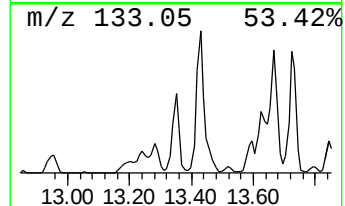
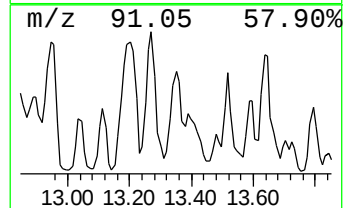
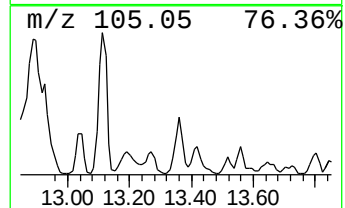
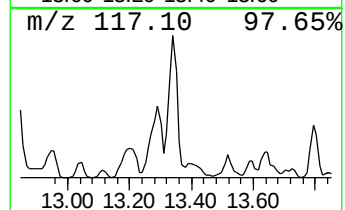
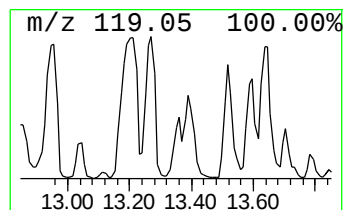
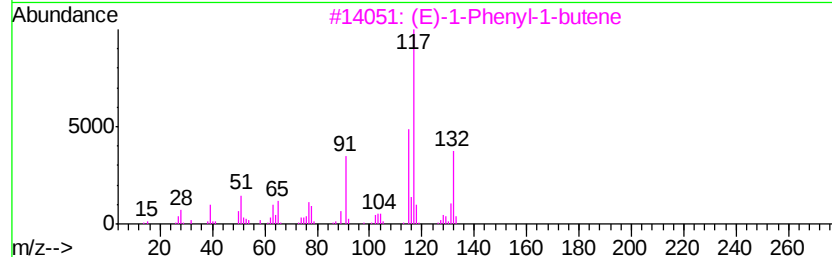
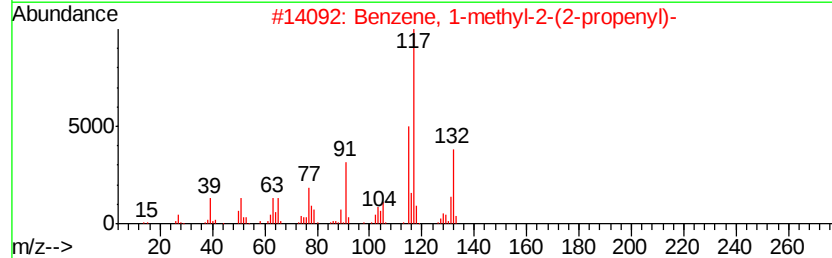
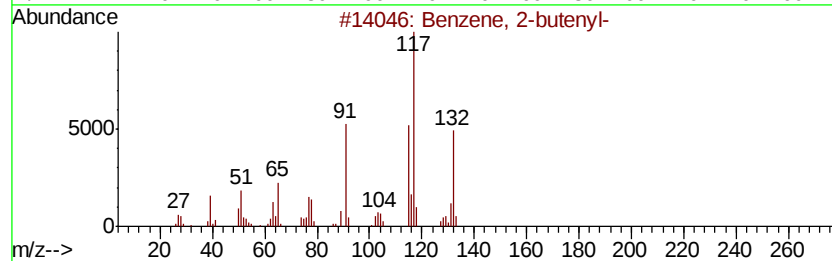
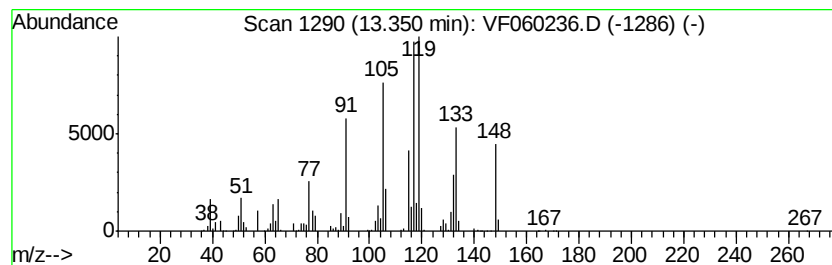
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-butenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	206.90 ug/l	23446000	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	84



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060236.D
Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

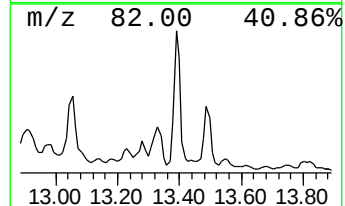
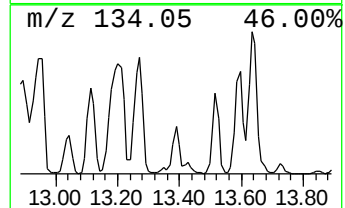
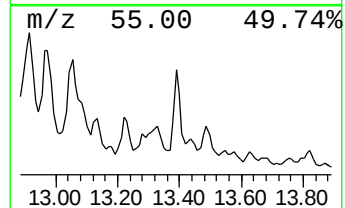
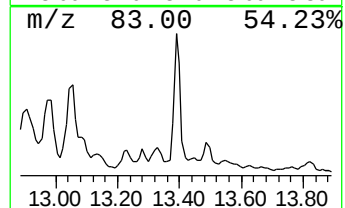
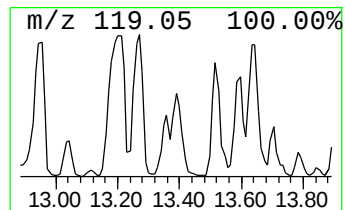
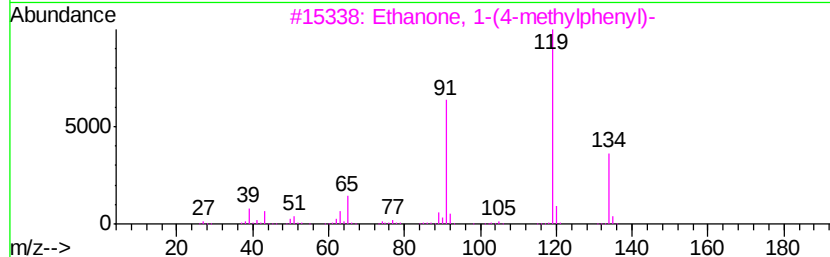
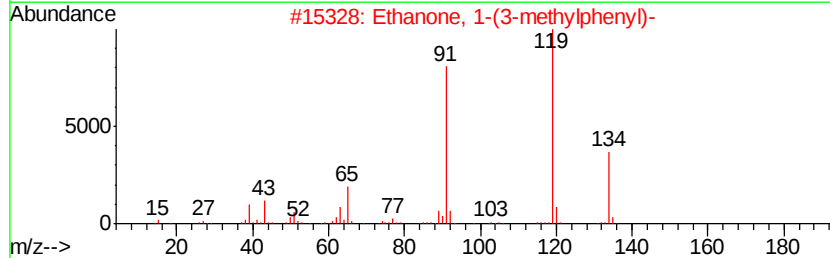
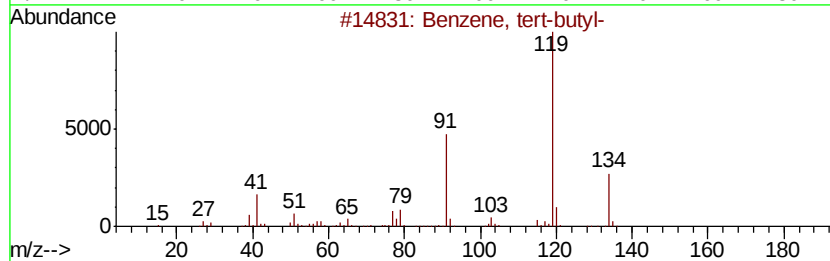
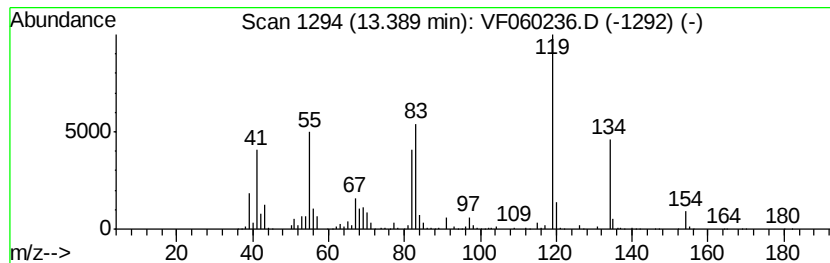
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Quant Title : SW846 8260

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

Peak Number 8 unknown13.39 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	188.66 ug/l	21378800	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, tert-butyl-	134	C10H14	000098-06-6	46
2		Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	43
3		Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	43
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	43
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060236.D
Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

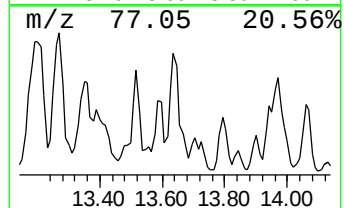
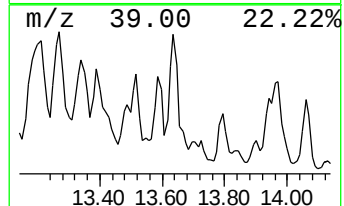
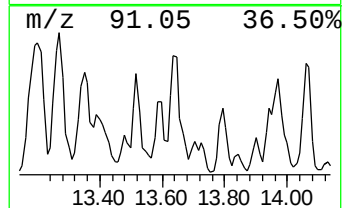
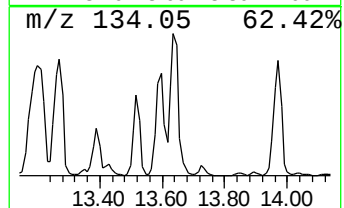
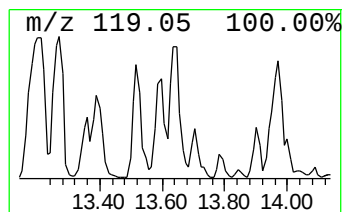
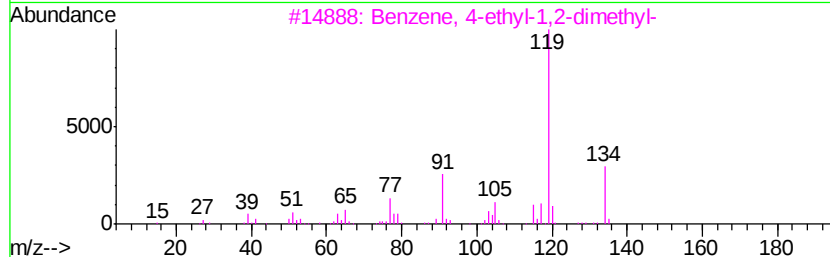
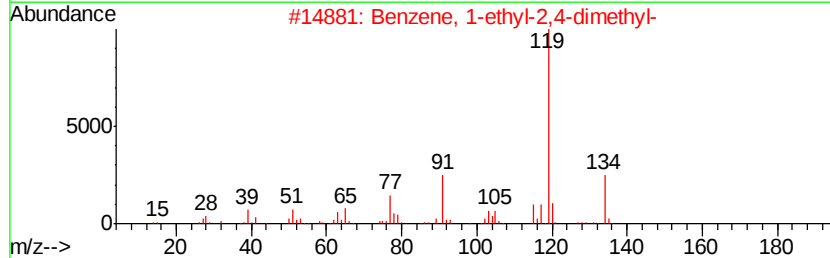
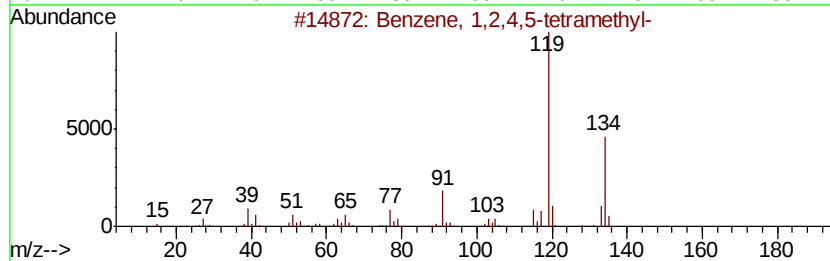
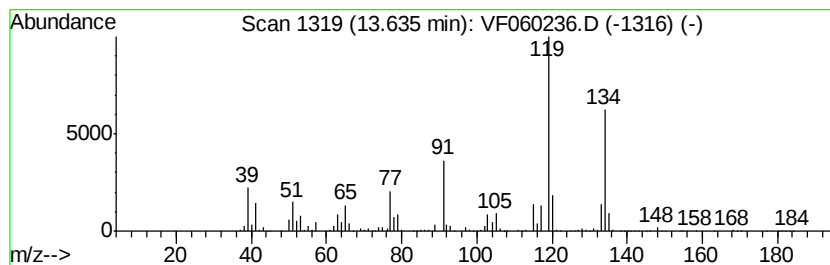
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	202.47 ug/l	22944300	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060236.D
Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

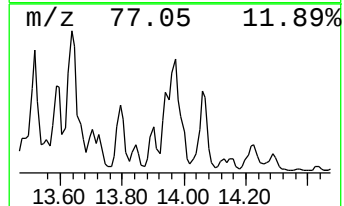
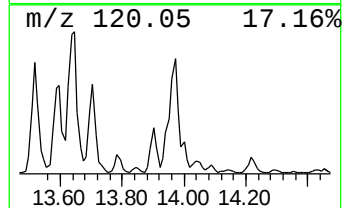
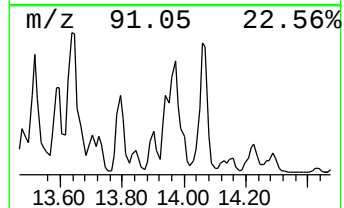
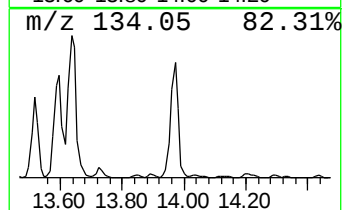
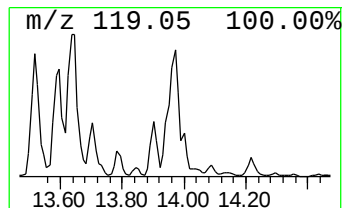
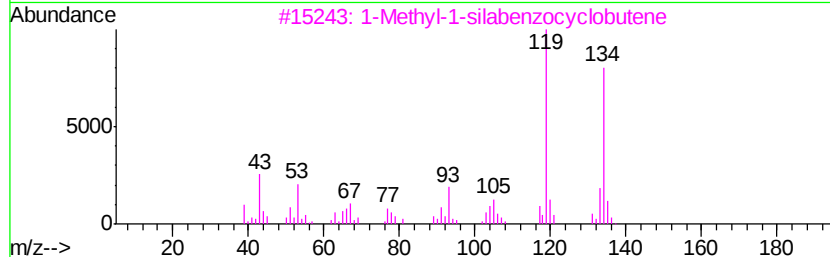
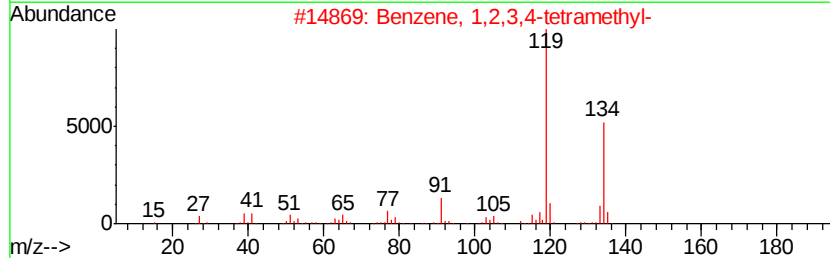
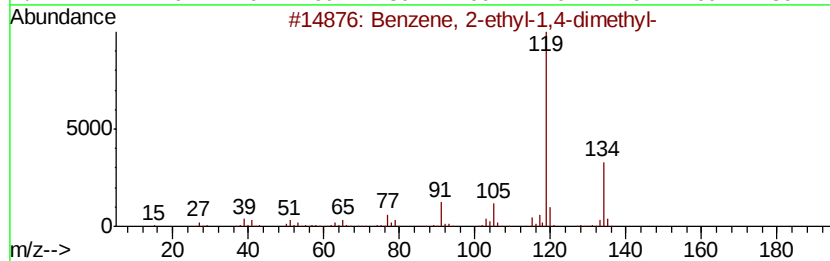
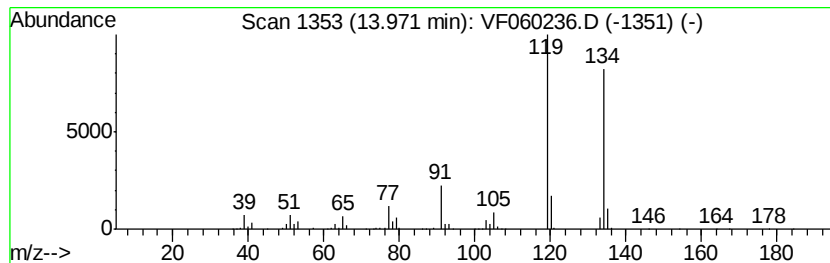
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	169.93 ug/l	19256000	1,4-Dichlorobenzene-d4	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3		1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	86
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	86
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF091018\
Data File : VF060236.D
Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.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
Decane, 4-methyl-	12.16	436.5	ug/l	49463000	4	12.67	5666030	50.0
Benzene, 1,2,3-tr...	12.76	468.3	ug/l	53067900	4	12.67	5666030	50.0
Benzene, 1,2-diet...	12.85	152.4	ug/l	17264900	4	12.67	5666030	50.0
2-Tolyloxirane	13.11	218.5	ug/l	24758700	4	12.67	5666030	50.0
Benzene, 4-ethyl-...	13.21	368.3	ug/l	41737000	4	12.67	5666030	50.0
1,3-Cyclopentadie...	13.27	238.7	ug/l	27052800	4	12.67	5666030	50.0
Benzene, 2-butenyl-	13.35	206.9	ug/l	23446000	4	12.67	5666030	50.0
unknown13.39	13.39	188.7	ug/l	21378800	4	12.67	5666030	50.0
Benzene, 1,2,4,5-...	13.64	202.5	ug/l	22944300	4	12.67	5666030	50.0
Benzene, 2-ethyl-...	13.97	169.9	ug/l	19256000	4	12.67	5666030	50.0