

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062000.D
 Acq On : 18 Mar 2019 16:32
 Operator : VA/AP
 Sample : K1951-02
 Misc : 5.82g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-03-006-A

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\82F031619S.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	1.064	43	44	47	rVB2	4619	6628	1.11%	0.138%
2	1.636	101	102	107	rVB2	4113	7680	1.29%	0.159%
3	2.011	136	140	141	rBV4	4121	7879	1.32%	0.164%
4	2.179	153	157	159	rBV3	5576	10109	1.69%	0.210%
5	2.228	159	162	169	rVV2	12799	36485	6.12%	0.757%
6	2.356	171	175	179	rVV5	6328	19778	3.32%	0.411%
7	2.642	203	204	209	rVB2	4418	7482	1.25%	0.155%
8	2.711	209	211	214	rBV2	3553	6918	1.16%	0.144%
9	3.668	304	308	310	rBV	2867	6865	1.15%	0.143%
10	4.003	335	342	346	rVV2	38892	146184	24.51%	3.035%
11	4.092	346	351	360	rVB	87364	280495	47.03%	5.823%
12	4.407	377	383	387	rVV3	7546	24604	4.12%	0.511%
13	4.604	401	403	407	rBV2	3987	8502	1.43%	0.176%
14	4.841	418	427	435	rBV2	166261	596466	100.00%	12.382%
15	5.581	497	502	509	rBV	188305	501138	84.02%	10.403%
16	5.709	514	515	519	rVV2	3050	7230	1.21%	0.150%
17	6.271	569	572	576	rVV2	2344	6651	1.12%	0.138%
18	6.547	599	600	603	rBV2	4439	7180	1.20%	0.149%
19	6.991	642	645	646	rBV	4790	7148	1.20%	0.148%
20	7.533	695	700	707	rBV	217933	518368	86.91%	10.761%
21	8.125	757	760	762	rVV3	3562	8437	1.41%	0.175%
22	8.204	764	768	769	rBV	4944	9932	1.67%	0.206%
23	8.243	769	772	773	rVV2	4067	7517	1.26%	0.156%
24	8.361	782	784	786	rVV2	4142	7418	1.24%	0.154%
25	8.440	789	792	796	rVV3	6607	15144	2.54%	0.314%
26	8.608	804	809	812	rBV2	7403	17419	2.92%	0.362%
27	8.756	821	824	828	rVB	3212	7072	1.19%	0.147%
28	8.953	840	844	849	rVV4	5248	13327	2.23%	0.277%
29	9.081	854	857	858	rVV2	4185	7629	1.28%	0.158%
30	9.101	858	859	862	rVB	4802	7739	1.30%	0.161%
31	9.269	873	876	880	rVV	3614	10231	1.72%	0.212%
32	9.338	880	883	888	rVV	3674	10345	1.73%	0.215%
33	9.535	899	903	908	rVV5	3850	13150	2.20%	0.273%
34	9.614	908	911	916	rVV3	3869	11421	1.91%	0.237%

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35	9.762	920	926	934	rVV	189236	441033	73.94%	9.155%
36	9.880	936	938	943	rVV2	5918	13924	2.33%	0.289%
37	10.205	967	971	973	rBV2	4900	10159	1.70%	0.211%
38	10.501	997	1001	1005	rVB5	4555	8939	1.50%	0.186%
39	10.659	1012	1017	1019	rBV2	11631	26977	4.52%	0.560%
40	10.698	1019	1021	1023	rVV	10767	15091	2.53%	0.313%
41	10.836	1030	1035	1040	rVB7	5987	18444	3.09%	0.383%
42	11.034	1047	1055	1056	rBV2	5055	15363	2.58%	0.319%
43	11.260	1074	1078	1080	rVB4	7604	13103	2.20%	0.272%
44	11.399	1088	1092	1099	rBV	158560	276039	46.28%	5.730%
45	11.546	1103	1107	1115	rBV4	16242	42050	7.05%	0.873%
46	11.714	1121	1124	1126	rVV4	10316	18018	3.02%	0.374%
47	11.813	1131	1134	1137	rVB3	21271	31963	5.36%	0.664%
48	12.010	1148	1154	1157	rVB3	13373	34513	5.79%	0.716%
49	12.148	1163	1168	1169	rVV3	3648	7335	1.23%	0.152%
50	12.197	1169	1173	1175	rVV2	9912	20494	3.44%	0.425%
51	12.276	1175	1181	1183	rVB4	5462	12500	2.10%	0.259%
52	12.316	1183	1185	1188	rVB3	3299	6830	1.15%	0.142%
53	12.375	1188	1191	1192	rBV2	3781	7711	1.29%	0.160%
54	12.424	1193	1196	1197	rVV3	7311	11776	1.97%	0.244%
55	12.444	1197	1198	1204	rVV3	8197	15851	2.66%	0.329%
56	12.542	1204	1208	1211	rVV	171732	268181	44.96%	5.567%
57	12.602	1211	1214	1218	rVV	40690	67574	11.33%	1.403%
58	12.710	1222	1225	1228	rVV2	13415	28919	4.85%	0.600%
59	12.759	1228	1230	1233	rVV2	16439	34834	5.84%	0.723%
60	12.818	1233	1236	1240	rVV3	20729	44361	7.44%	0.921%
61	12.927	1244	1247	1248	rVV	7948	11715	1.96%	0.243%
62	12.947	1248	1249	1251	rVV2	6033	7917	1.33%	0.164%
63	12.996	1251	1254	1258	rVV2	12896	23634	3.96%	0.491%
64	13.085	1258	1263	1266	rVV5	8949	24461	4.10%	0.508%
65	13.144	1266	1269	1271	rVV	19887	29957	5.02%	0.622%
66	13.183	1271	1273	1275	rVV2	11451	22419	3.76%	0.465%
67	13.213	1275	1276	1277	rVV	11834	12755	2.14%	0.265%
68	13.282	1281	1283	1286	rVV4	9952	21531	3.61%	0.447%
69	13.331	1286	1288	1290	rVV3	4693	8521	1.43%	0.177%
70	13.371	1290	1292	1294	rVV3	9849	14824	2.49%	0.308%
71	13.410	1294	1296	1302	rVV4	9842	22473	3.77%	0.467%

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72	13.489	1302	1304	1306	rVV	13384	19090	3.20%	0.396%
73	13.528	1306	1308	1310	rVV	23128	32537	5.45%	0.675%
74	13.568	1310	1312	1315	rVV4	9555	19114	3.20%	0.397%
75	13.627	1315	1318	1322	rVV5	6627	16348	2.74%	0.339%
76	13.696	1322	1325	1329	rVV4	23332	46399	7.78%	0.963%
77	13.755	1329	1331	1334	rVV3	7666	13944	2.34%	0.289%
78	13.795	1334	1335	1337	rVV2	7195	10326	1.73%	0.214%
79	13.844	1337	1340	1344	rVV2	42447	90785	15.22%	1.885%
80	13.913	1344	1347	1349	rVV2	12907	24691	4.14%	0.513%
81	13.962	1349	1352	1355	rVV2	25240	40588	6.80%	0.843%
82	14.071	1357	1363	1366	rVV2	12199	32769	5.49%	0.680%
83	14.140	1366	1370	1374	rVV4	18176	49750	8.34%	1.033%
84	14.209	1374	1377	1381	rVV3	17035	34658	5.81%	0.719%
85	14.298	1381	1386	1387	rVV2	4544	13932	2.34%	0.289%
86	14.347	1390	1391	1393	rVV2	6365	9484	1.59%	0.197%
87	14.396	1393	1396	1399	rVV3	13235	31917	5.35%	0.663%
88	14.446	1399	1401	1410	rVV6	16062	49114	8.23%	1.020%
89	14.584	1412	1415	1419	rVV4	11261	24081	4.04%	0.500%
90	14.682	1422	1425	1426	rVV3	3820	7616	1.28%	0.158%
91	14.731	1426	1430	1435	rVV2	32237	53936	9.04%	1.120%
92	14.820	1437	1439	1440	rVV2	5064	8618	1.44%	0.179%
93	14.850	1440	1442	1446	rVV4	8937	23364	3.92%	0.485%
94	14.988	1453	1456	1459	rVV2	16481	25374	4.25%	0.527%
95	15.096	1464	1467	1472	rVV2	13818	28687	4.81%	0.596%
96	15.155	1472	1473	1477	rVV2	5849	9341	1.57%	0.194%
97	15.274	1481	1485	1487	rVV4	5533	9639	1.62%	0.200%
98	15.343	1487	1492	1496	rVV5	7445	19120	3.21%	0.397%
99	15.392	1496	1497	1504	rVB3	5100	10126	1.70%	0.210%
100	15.629	1519	1521	1524	rVB2	5357	9126	1.53%	0.189%

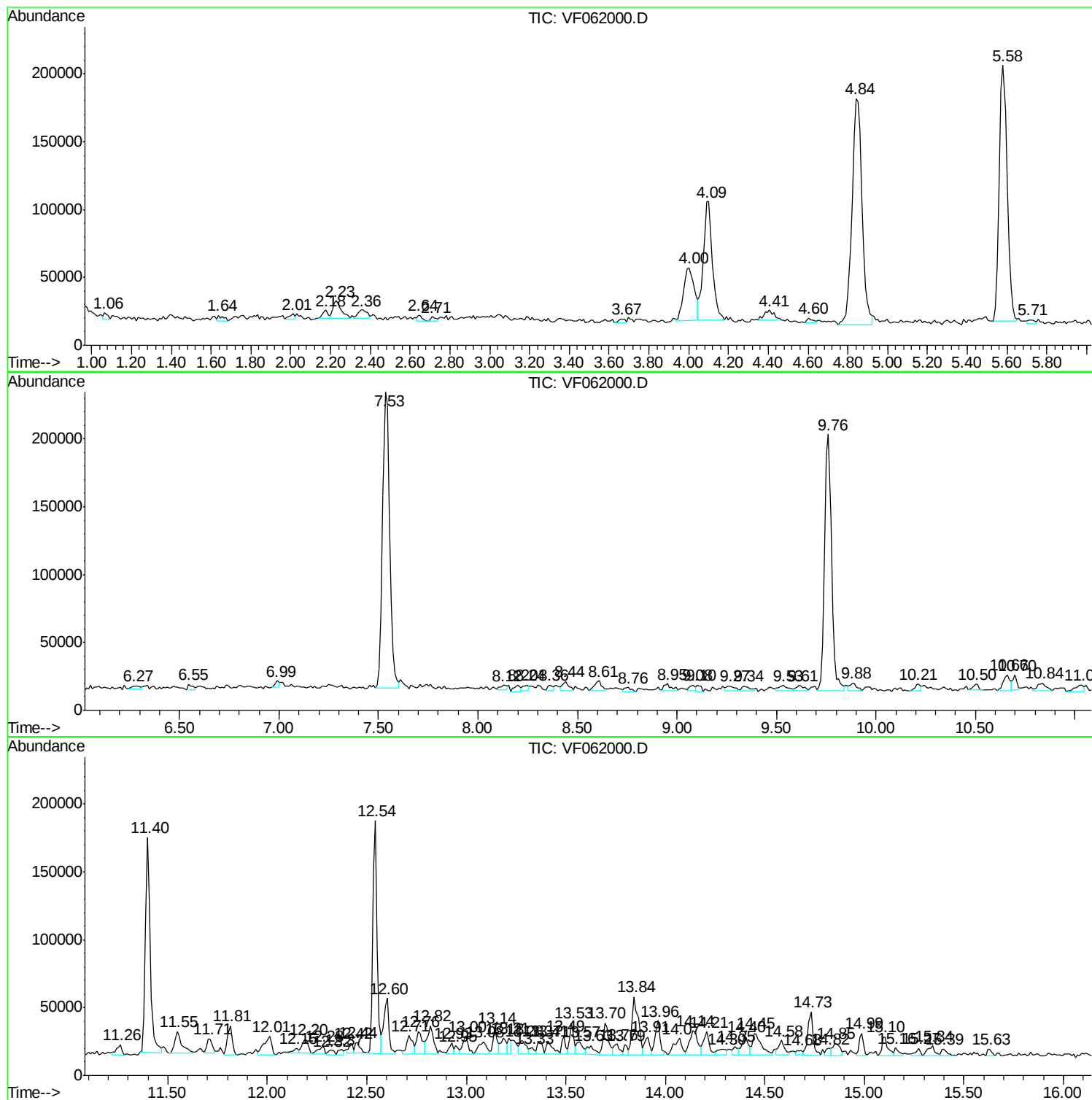
Sum of corrected areas: 4817234

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Instrument :
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ClientSampled :
FK-GF-03-006-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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



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Instrument :
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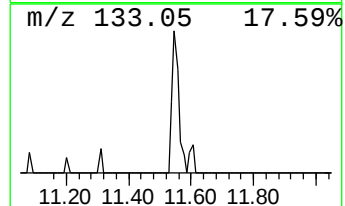
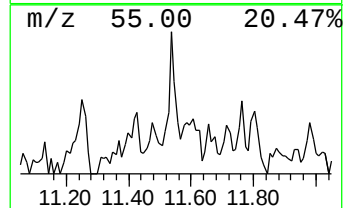
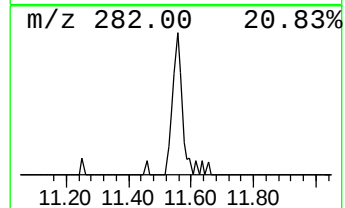
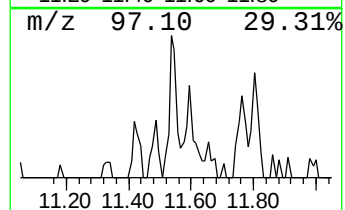
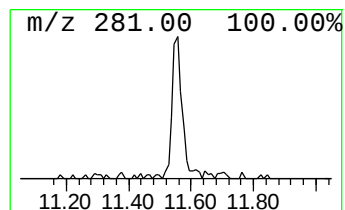
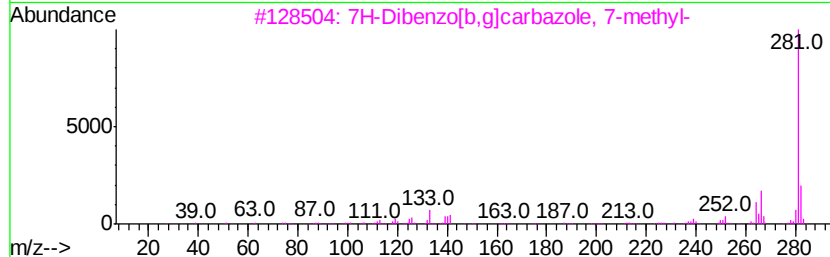
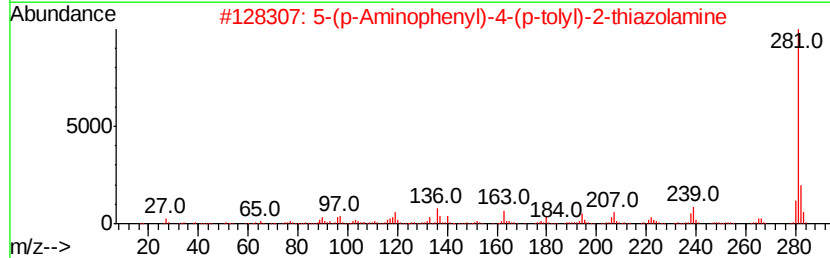
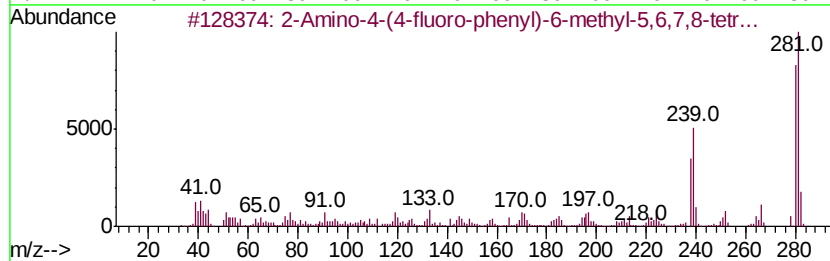
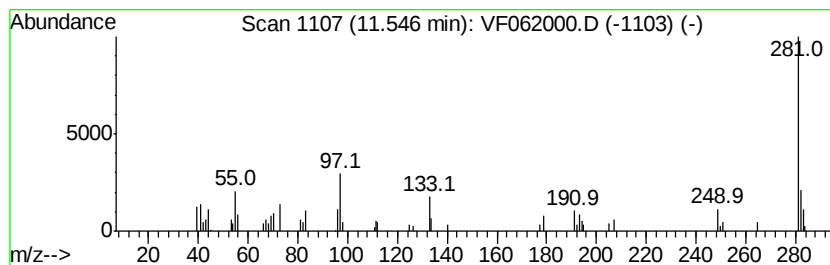
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Amino-4-(4-fluoro-phenyl)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	7.84 ug/l	42050	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-4-(4-fluoro-phenyl)-6-me...	281	C17H16FN3	1000278-20-1	52
2		5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	52
3		7H-Dibenzo[b,a]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50
4		5-(p-Aminophenyl)-4-(O-tolyl)-2-...	281	C16H15N3S	1000242-18-7	50
5		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	50



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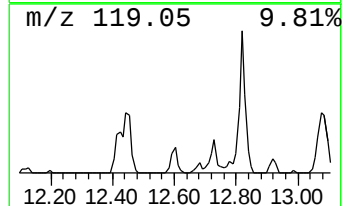
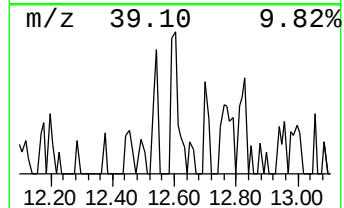
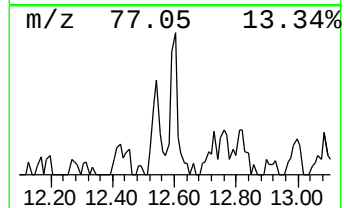
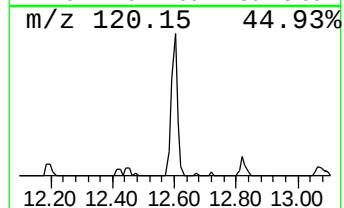
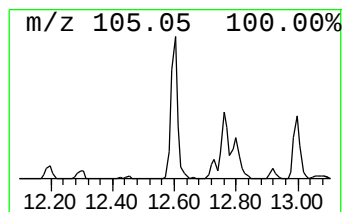
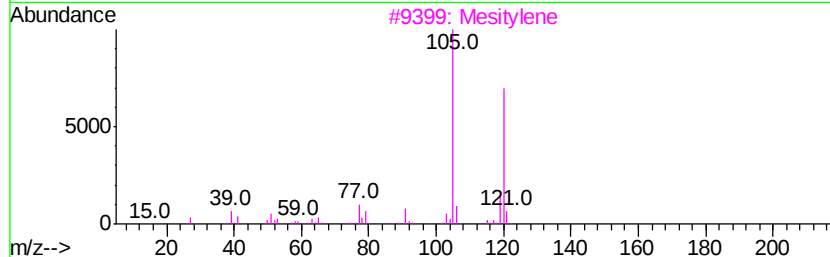
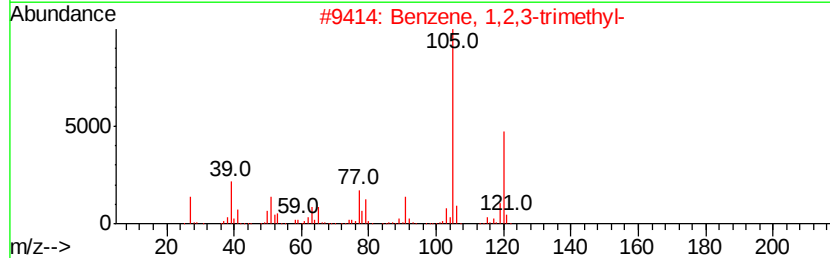
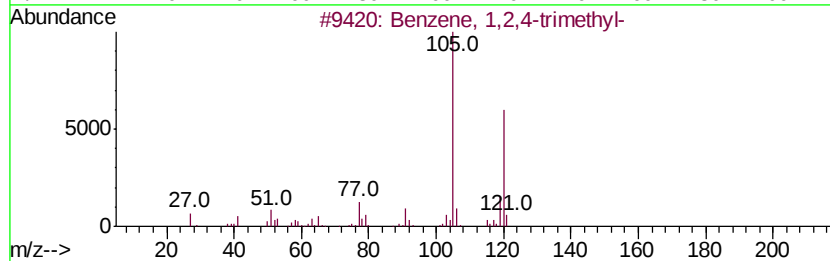
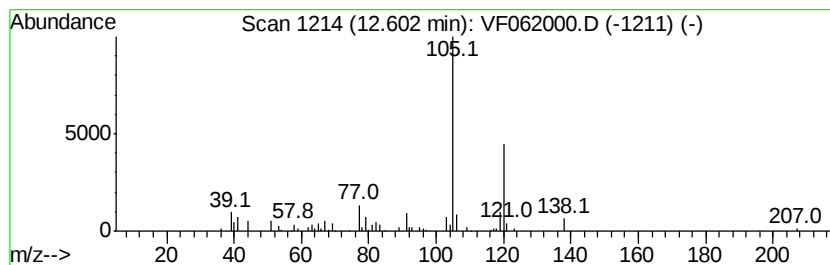
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	12.60 ug/l	67574	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 90
2		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 90
3		Mesitylene	120 C9H12	000108-67-8 90
4		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 87
5		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 87



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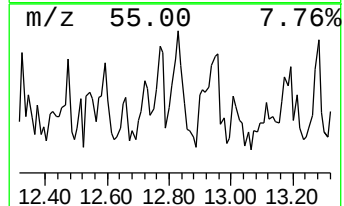
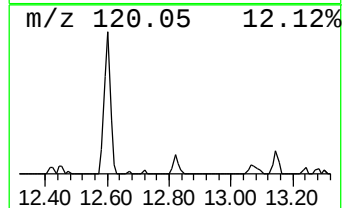
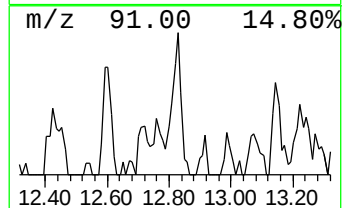
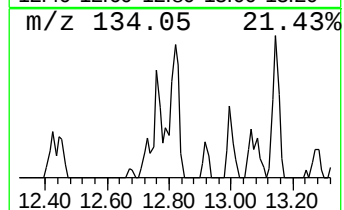
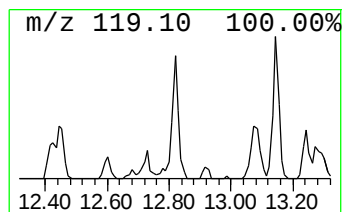
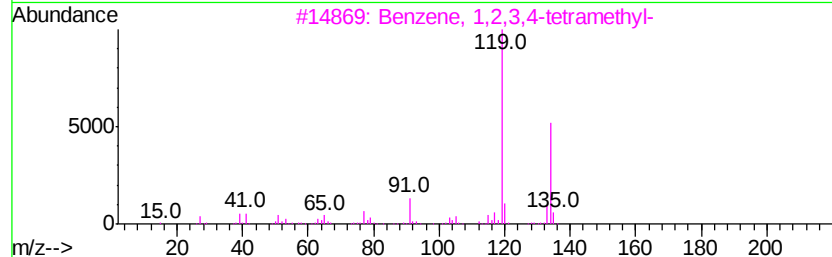
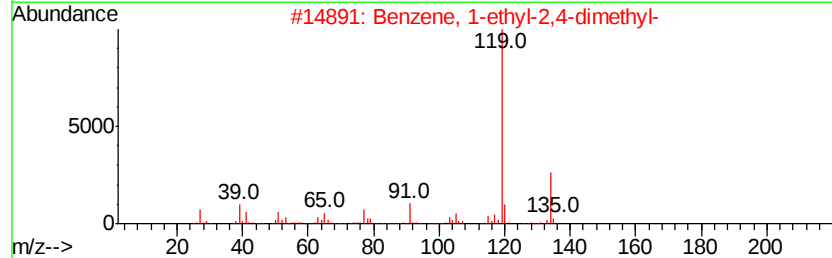
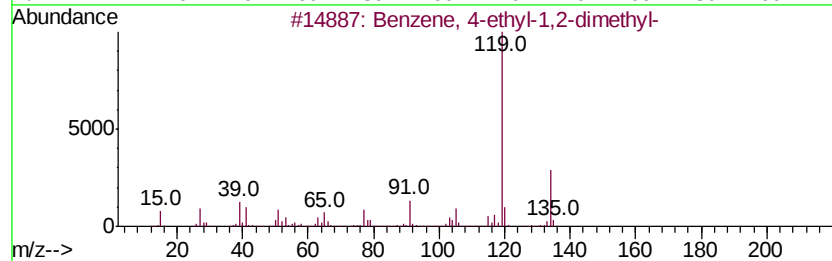
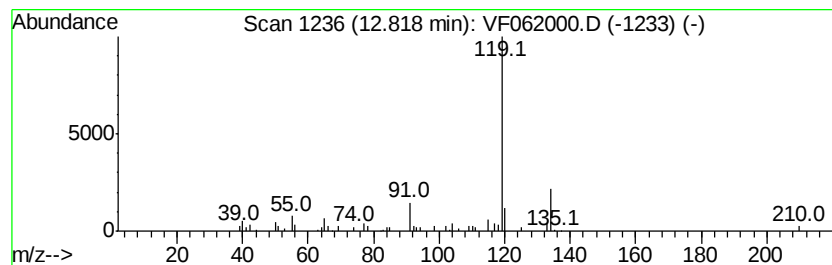
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	8.27 ug/l	44361	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-03-006-A

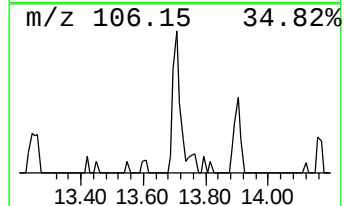
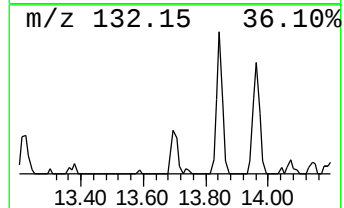
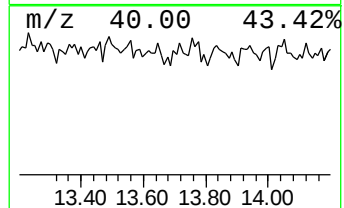
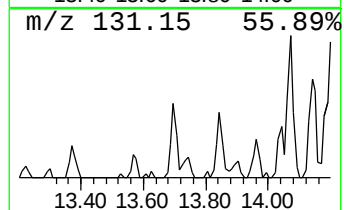
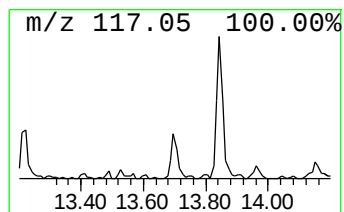
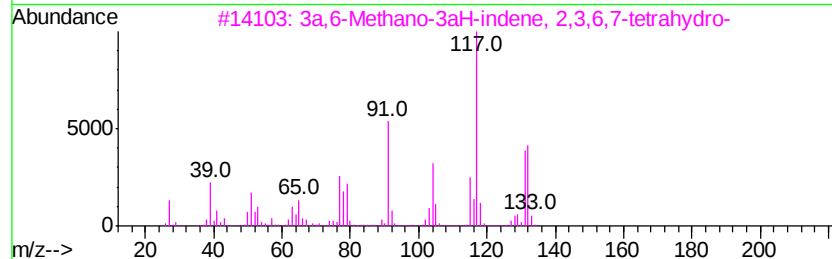
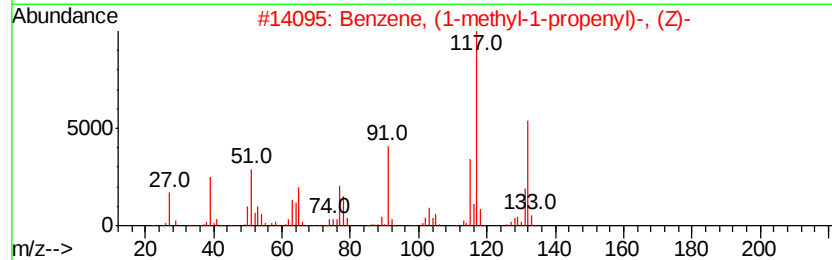
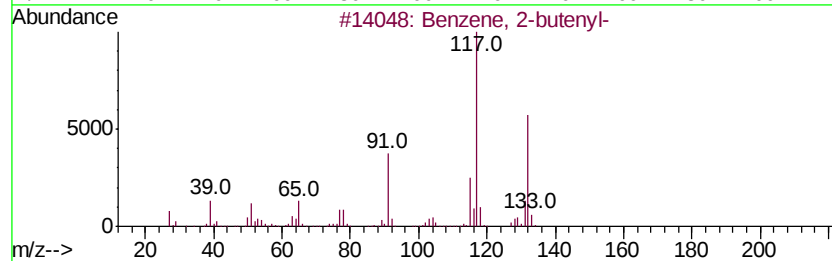
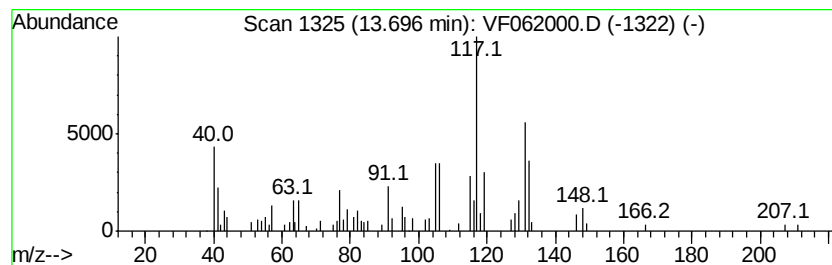
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	8.65 ug/l	46399	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	49
3		3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	49
4		Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	49
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

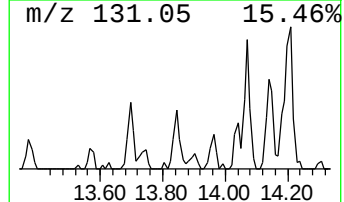
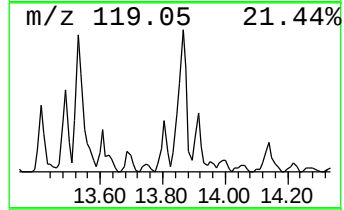
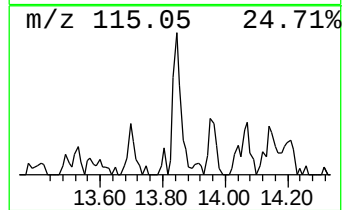
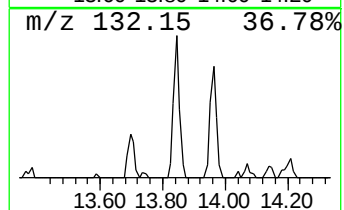
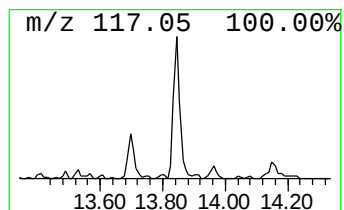
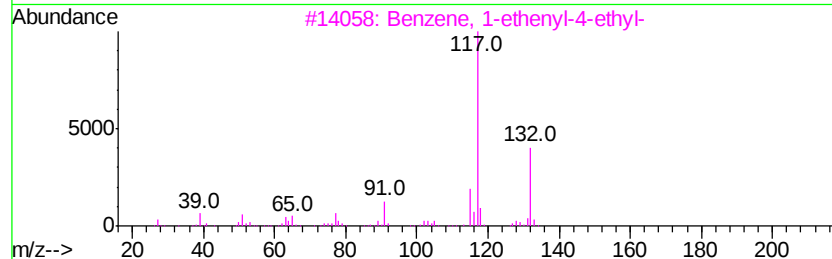
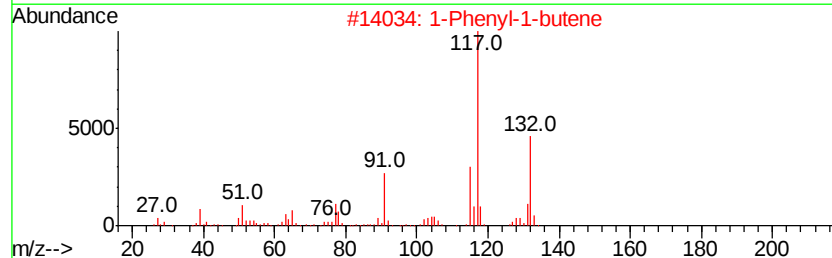
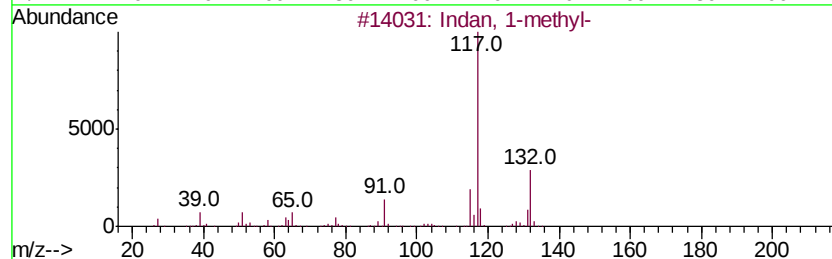
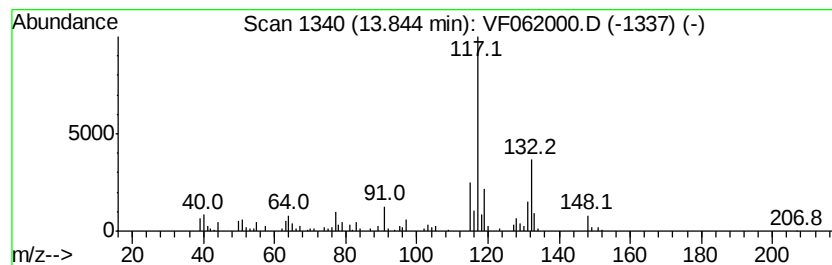
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-03-006-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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

Peak Number 6 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	16.93 ug/l	90785	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indan, 1-methyl-	132 C10H12	000767-58-8	93
2	1-Phenyl-1-butene	132 C10H12	000824-90-8	81
3	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	76
5	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000767-99-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-03-006-A

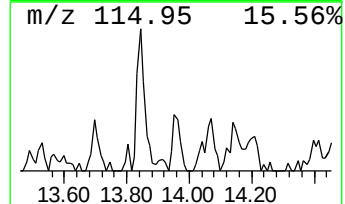
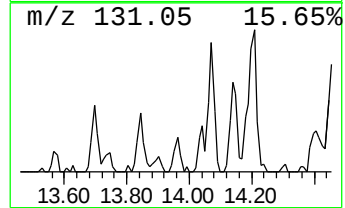
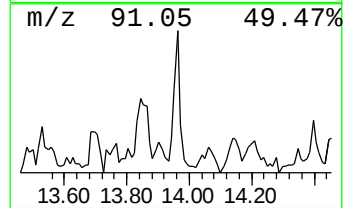
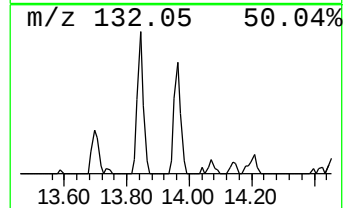
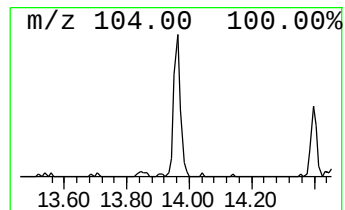
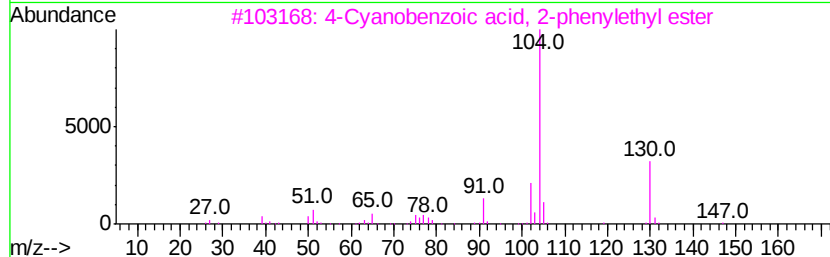
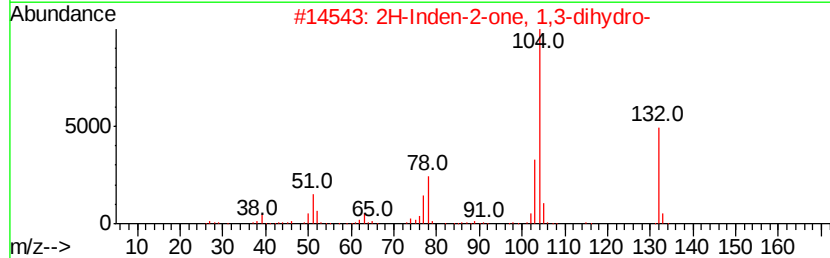
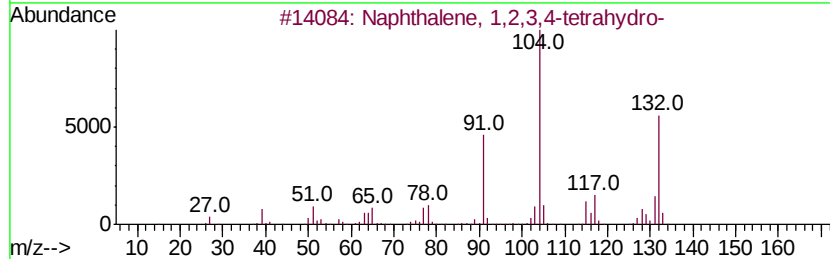
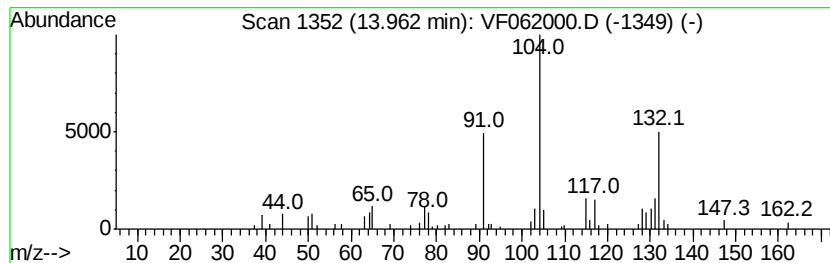
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	7.57 ug/l	40588	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52
3		4-Cyanobenzoic acid, 2-phenyleth...	251	C16H13NO2	131786-46-4	38
4		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38
5		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-03-006-A

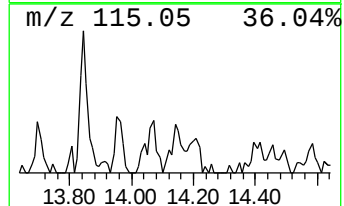
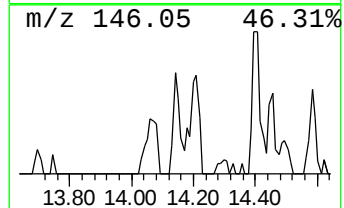
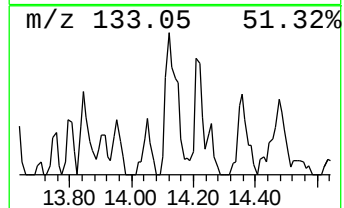
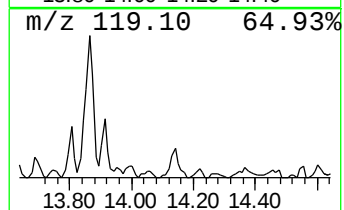
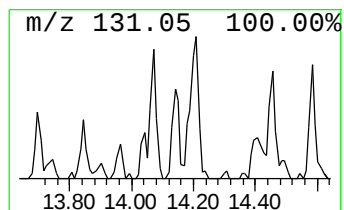
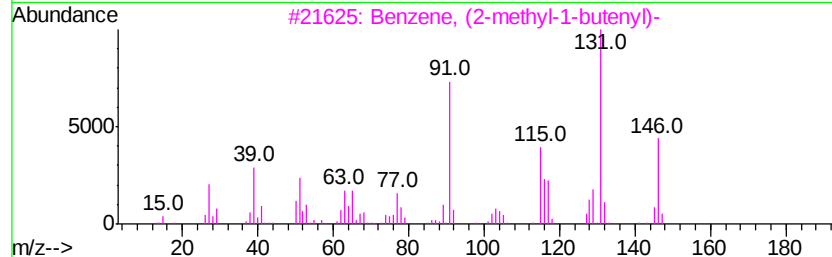
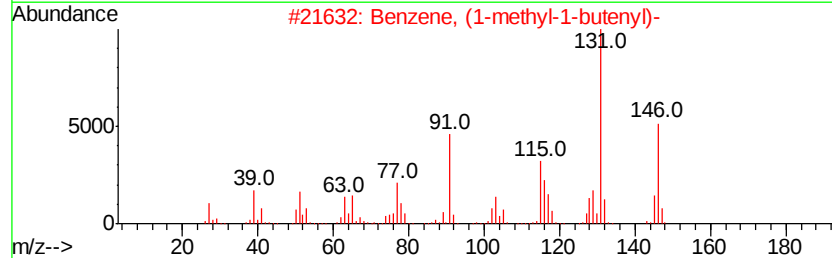
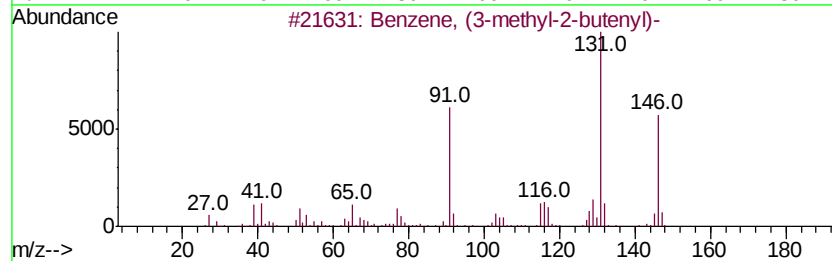
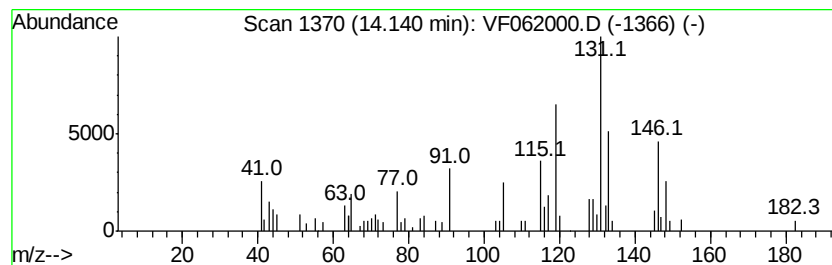
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	9.28 ug/l	49750	1,4-Dichlorobenzene-d4	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-03-006-A

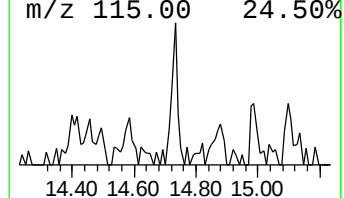
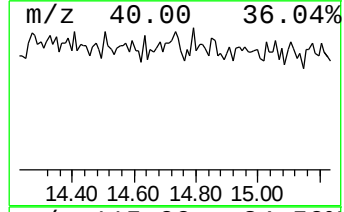
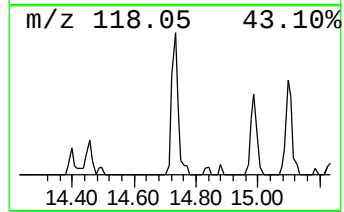
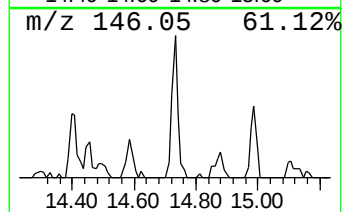
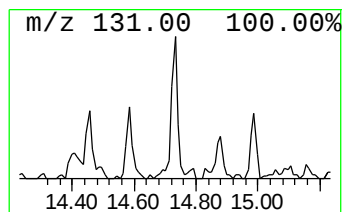
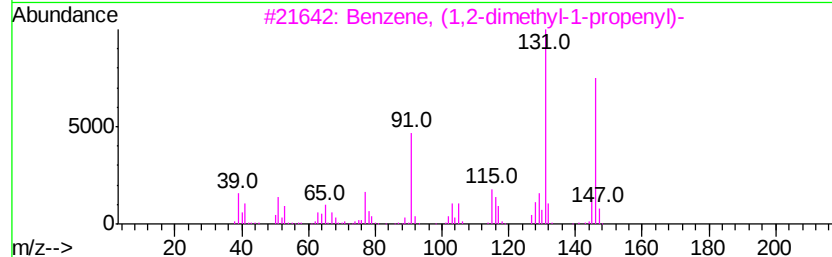
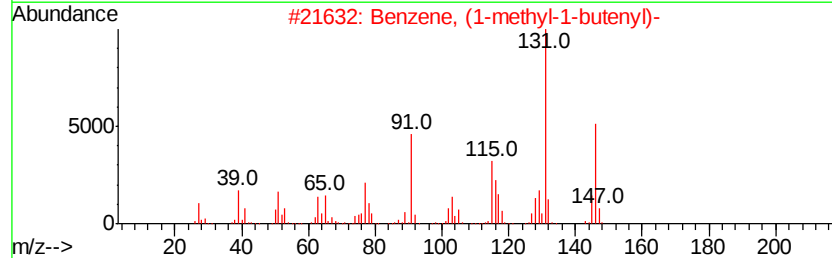
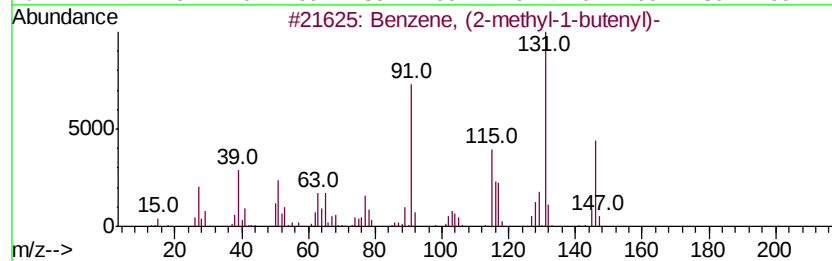
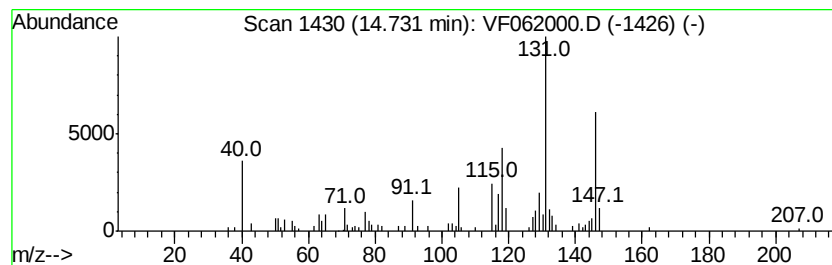
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	10.06 ug/l	53936	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	68
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-03-006-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.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
2-Amino-4-(4-fluo...	11.55	7.8	ug/l	42050	4	12.54	268181	50.0
Benzene, 1,2,4-tr...	12.60	12.6	ug/l	67574	4	12.54	268181	50.0
Benzene, 4-ethyl-...	12.82	8.3	ug/l	44361	4	12.54	268181	50.0
Benzene, 2-butenyl-	13.70	8.7	ug/l	46399	4	12.54	268181	50.0
Indan, 1-methyl-	13.84	16.9	ug/l	90785	4	12.54	268181	50.0
Naphthalene, 1,2,...	13.96	7.6	ug/l	40588	4	12.54	268181	50.0
Benzene, (3-methy...	14.14	9.3	ug/l	49750	4	12.54	268181	50.0
Benzene, (2-methy...	14.73	10.1	ug/l	53936	4	12.54	268181	50.0