

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061529.D
 Acq On : 25 Jan 2019 19:14
 Operator : VA/AP
 Sample : K1250-02
 Misc : 5.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DRUM-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\82F011519S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.105	347	352	365	rVB2	119288	382669	2.62%	0.148%
2	4.855	420	428	444	rBV2	243265	871040	5.95%	0.338%
3	5.446	481	488	494	rBV	120261	428468	2.93%	0.166%
4	5.594	497	503	513	rVV	311469	996915	6.82%	0.387%
5	6.808	618	626	641	rVB2	95286	415738	2.84%	0.161%
6	7.015	641	647	650	rBV	231753	712477	4.87%	0.276%
7	7.074	650	653	666	rVB2	224078	878672	6.01%	0.341%
8	7.557	697	702	713	rBV2	340414	1268359	8.67%	0.492%
9	7.755	718	722	726	rVV2	107084	392519	2.68%	0.152%
10	8.277	769	775	779	rBV	278739	771082	5.27%	0.299%
11	8.445	783	792	804	rVB2	555591	1987252	13.59%	0.771%
12	8.633	804	811	819	rBV	540566	2477712	16.94%	0.961%
13	8.840	828	832	839	rVB	237866	688628	4.71%	0.267%
14	8.968	839	845	849	rBV2	467977	1397512	9.55%	0.542%
15	9.047	849	853	855	rVV2	213742	600272	4.10%	0.233%
16	9.106	856	859	866	rVB	491054	1309182	8.95%	0.508%
17	9.284	872	877	881	rVB	389510	877382	6.00%	0.340%
18	9.422	887	891	895	rVB2	226855	548546	3.75%	0.213%
19	9.530	897	902	909	rBV3	196436	823235	5.63%	0.319%
20	9.698	915	919	922	rBV3	145226	346459	2.37%	0.134%
21	9.767	922	926	930	rVV2	980238	2314979	15.83%	0.898%
22	9.826	930	932	942	rVB4	313463	1008762	6.90%	0.391%
23	10.073	953	957	962	rVB2	198933	503774	3.44%	0.195%
24	10.231	967	973	981	rBV2	894626	3300381	22.56%	1.280%
25	10.349	981	985	992	rVB2	321743	706504	4.83%	0.274%
26	10.517	995	1002	1009	rBV2	937350	2776555	18.98%	1.077%
27	10.665	1013	1017	1026	rBV4	1282628	3228146	22.07%	1.252%
28	10.783	1026	1029	1031	rBV2	280306	629660	4.30%	0.244%
29	10.832	1031	1034	1037	rVB	450620	816273	5.58%	0.317%
30	10.941	1042	1045	1049	rVV3	425319	1274074	8.71%	0.494%
31	11.049	1051	1056	1061	rVV6	752271	2637331	18.03%	1.023%
32	11.118	1061	1063	1065	rVV	641501	1222977	8.36%	0.474%
33	11.158	1065	1067	1069	rVV	678828	1213107	8.29%	0.471%
34	11.266	1072	1078	1082	rVV2	1511581	4089993	27.96%	1.587%

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35	11.424	1082	1094	1098	rVV7	645955	3753857	25.66%	1.456%
36	11.493	1098	1101	1104	rVV4	566968	1546749	10.57%	0.600%
37	11.552	1104	1107	1110	rVV	1358473	2641367	18.06%	1.025%
38	11.621	1111	1114	1116	rVV3	491070	1268671	8.67%	0.492%
39	11.671	1116	1119	1122	rVV2	633120	1612813	11.03%	0.626%
40	11.730	1122	1125	1127	rVV4	750825	1684850	11.52%	0.654%
41	11.769	1127	1129	1132	rVV2	644826	1392266	9.52%	0.540%
42	11.819	1132	1134	1139	rVV2	757166	2251182	15.39%	0.873%
43	11.888	1139	1141	1142	rVV2	536305	837972	5.73%	0.325%
44	11.927	1142	1145	1146	rVV	1044326	1904996	13.02%	0.739%
45	11.996	1149	1152	1157	rVV3	1990561	4834486	33.05%	1.875%
46	12.075	1157	1160	1164	rVV3	654390	2078200	14.21%	0.806%
47	12.154	1164	1168	1170	rVV3	963792	2748639	18.79%	1.066%
48	12.203	1170	1173	1176	rVV2	1304466	3148643	21.53%	1.221%
49	12.282	1176	1181	1184	rVV3	898404	3045840	20.82%	1.182%
50	12.332	1184	1186	1188	rVV	735384	1516551	10.37%	0.588%
51	12.381	1188	1191	1193	rVV3	1014360	2491783	17.03%	0.967%
52	12.420	1193	1195	1197	rVV2	1028696	2060664	14.09%	0.799%
53	12.460	1197	1199	1201	rVV	973609	1969976	13.47%	0.764%
54	12.539	1205	1207	1210	rVV3	933654	2102270	14.37%	0.816%
55	12.608	1210	1214	1218	rVV2	1736764	4458052	30.48%	1.729%
56	12.687	1218	1222	1224	rVV	1070447	2969529	20.30%	1.152%
57	12.736	1224	1227	1230	rVV2	2607616	5402572	36.93%	2.096%
58	12.795	1230	1233	1234	rVV3	1065149	2275615	15.56%	0.883%
59	12.835	1234	1237	1241	rVV3	1285350	3754642	25.67%	1.456%
60	12.924	1243	1246	1251	rVV2	1557725	4626664	31.63%	1.795%
61	13.002	1251	1254	1258	rVV2	1492486	3867765	26.44%	1.500%
62	13.071	1258	1261	1263	rVV3	756817	1869718	12.78%	0.725%
63	13.121	1263	1266	1267	rVV2	1031035	2119454	14.49%	0.822%
64	13.160	1267	1270	1274	rVV2	5485611	11599935	79.30%	4.500%
65	13.229	1274	1277	1281	rVV3	3896575	9217719	63.01%	3.576%
66	13.288	1281	1283	1286	rVV	1889793	3931021	26.87%	1.525%
67	13.338	1286	1288	1290	rVV2	1041225	2076308	14.19%	0.805%
68	13.377	1290	1292	1295	rVV	1634215	3109676	21.26%	1.206%
69	13.417	1295	1296	1298	rVV	872235	1388120	9.49%	0.538%
70	13.456	1298	1300	1301	rVV2	793675	1317095	9.00%	0.511%
71	13.496	1301	1304	1307	rVV	3847709	6821464	46.63%	2.646%

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72	13.575	1307	1312	1315	rVV3	2055450	6553805	44.80%	2.542%
73	13.644	1315	1319	1322	rVV2	1284031	3534615	24.16%	1.371%
74	13.703	1322	1325	1328	rVV	3049317	5918162	40.46%	2.296%
75	13.752	1328	1330	1333	rVV2	1136114	2196696	15.02%	0.852%
76	13.811	1333	1336	1338	rVV	2000246	3582422	24.49%	1.390%
77	13.851	1338	1340	1345	rVV2	5475033	14627826	100.00%	5.674%
78	13.920	1345	1347	1349	rVV2	2434565	3777867	25.83%	1.466%
79	13.969	1349	1352	1355	rVV2	1511244	3354476	22.93%	1.301%
80	14.009	1355	1356	1358	rVV	524164	791903	5.41%	0.307%
81	14.078	1358	1363	1366	rVV	3395483	7822819	53.48%	3.035%
82	14.157	1366	1371	1373	rVV3	3035946	9024709	61.70%	3.501%
83	14.216	1373	1377	1383	rVV2	3987820	10006876	68.41%	3.882%
84	14.295	1383	1385	1387	rVV2	728279	1396543	9.55%	0.542%
85	14.364	1387	1392	1394	rVV3	961676	2839584	19.41%	1.102%
86	14.423	1394	1398	1400	rVV3	967475	2410229	16.48%	0.935%
87	14.462	1400	1402	1403	rVV	1079527	1640437	11.21%	0.636%
88	14.492	1403	1405	1409	rVV2	1516016	3206615	21.92%	1.244%
89	14.561	1409	1412	1413	rVV	510954	926086	6.33%	0.359%
90	14.591	1413	1415	1418	rVV	1936389	2910432	19.90%	1.129%
91	14.640	1418	1420	1422	rVV4	385529	809229	5.53%	0.314%
92	14.699	1424	1426	1427	rVV	520466	837398	5.72%	0.325%
93	14.739	1427	1430	1433	rVV2	1908941	3404606	23.27%	1.321%
94	14.788	1433	1435	1437	rVV2	302929	607203	4.15%	0.236%
95	14.827	1437	1439	1440	rVV	416859	688899	4.71%	0.267%
96	14.877	1440	1444	1448	rVV3	830343	2585472	17.68%	1.003%
97	14.936	1448	1450	1453	rVV2	316646	654550	4.47%	0.254%
98	14.995	1453	1456	1461	rVV	576733	1133123	7.75%	0.440%
99	15.104	1464	1467	1470	rVV2	253316	551036	3.77%	0.214%
100	15.153	1470	1472	1479	rVV4	159879	398326	2.72%	0.155%

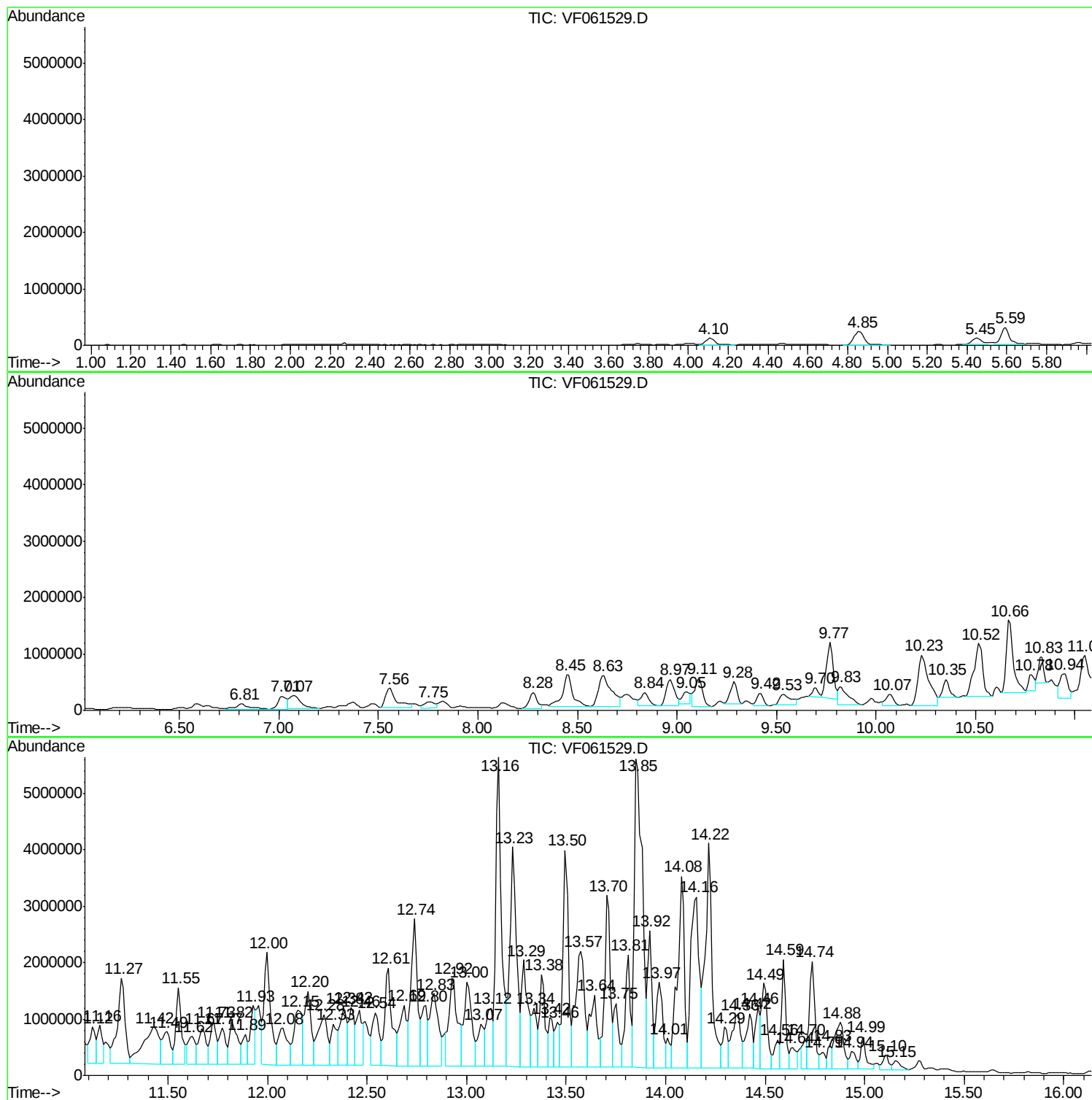
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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



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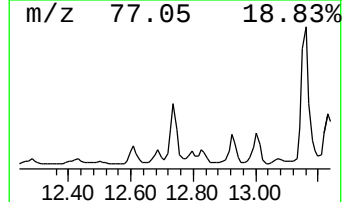
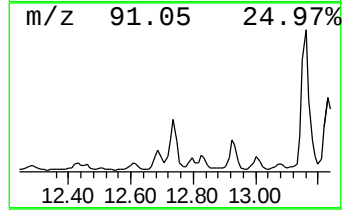
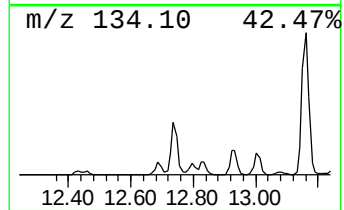
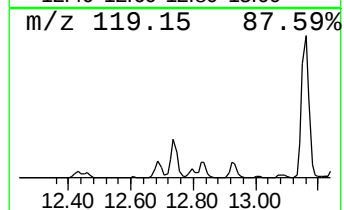
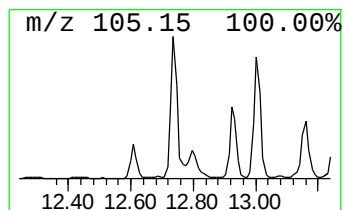
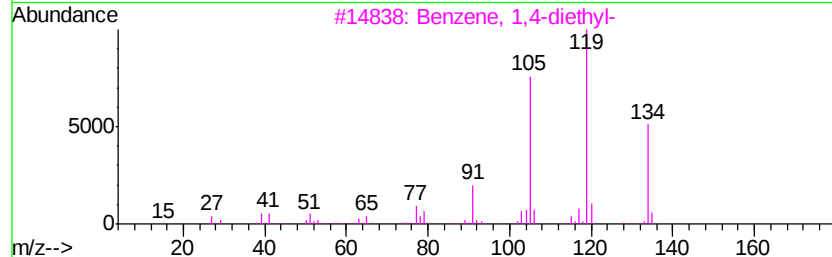
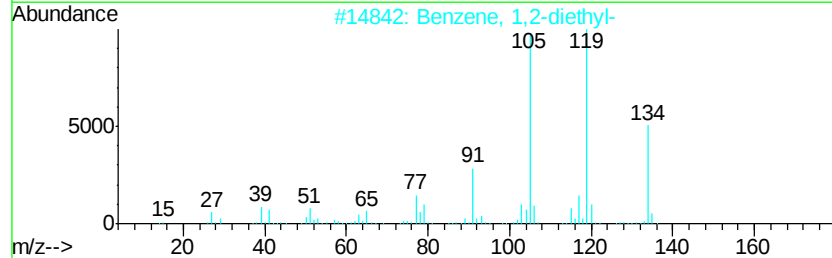
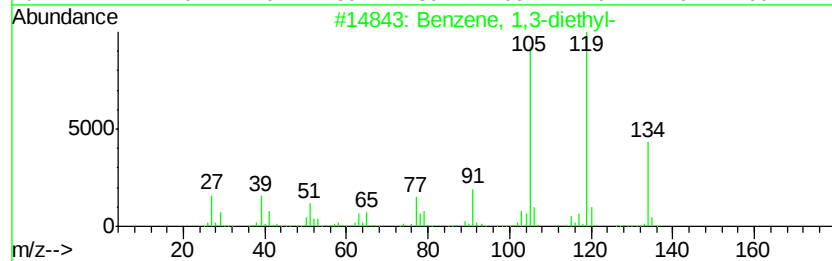
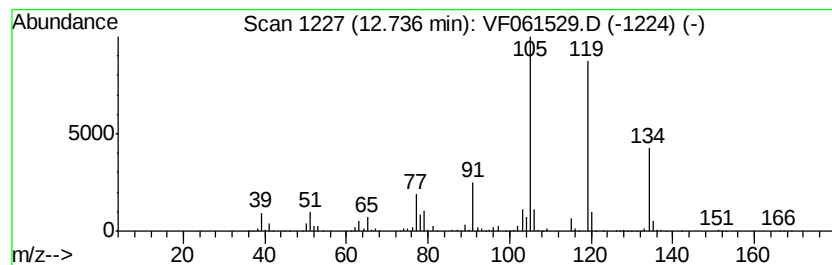
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	128.49 ug/l	5402570	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72



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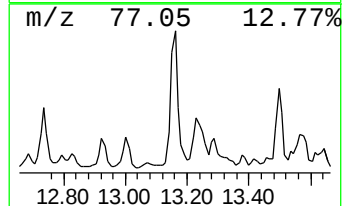
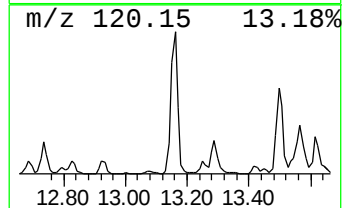
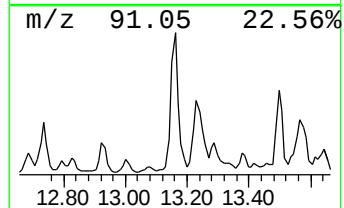
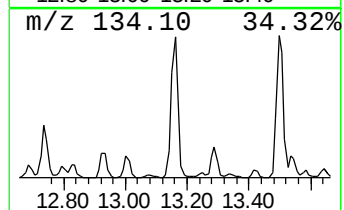
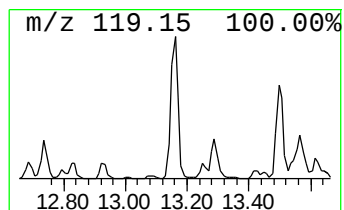
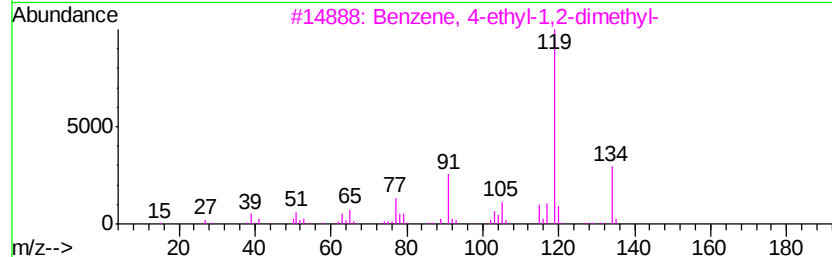
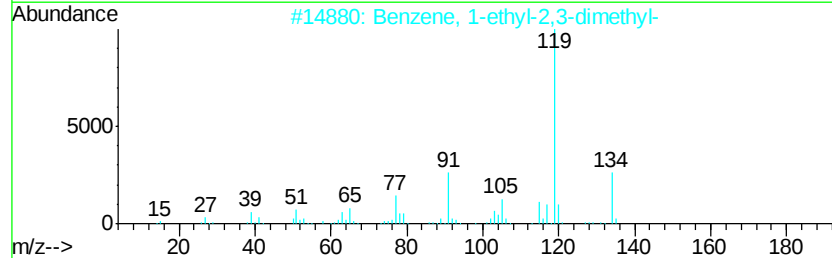
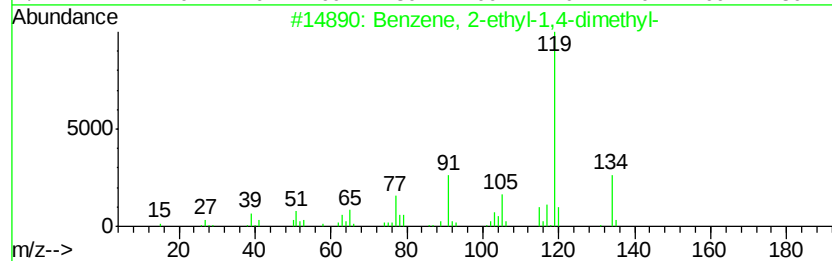
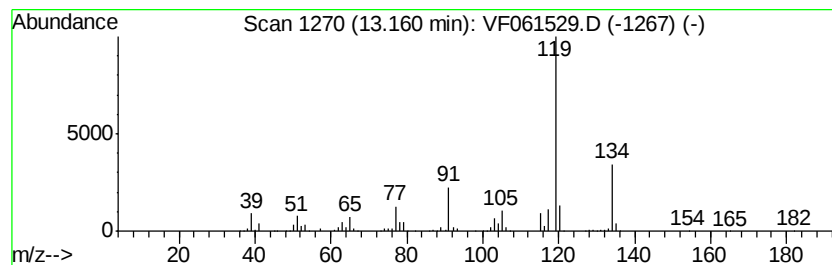
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	275.89 ug/l	11599900	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5		o-Cymene	134	C10H14	000527-84-4	94



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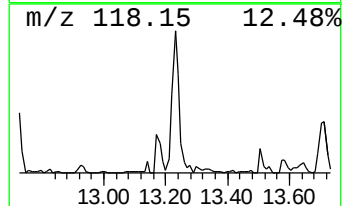
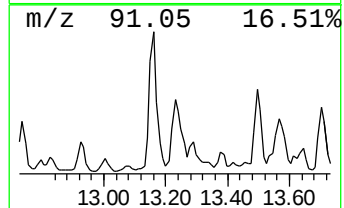
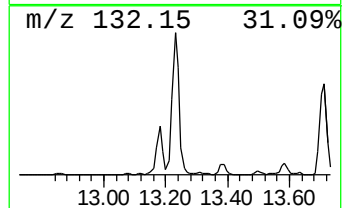
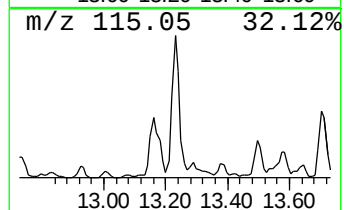
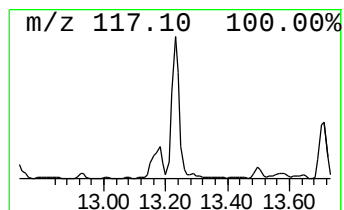
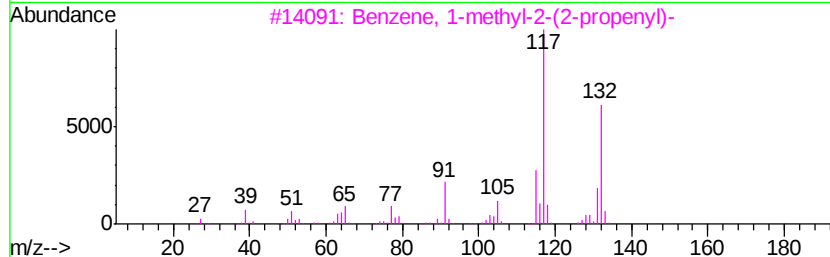
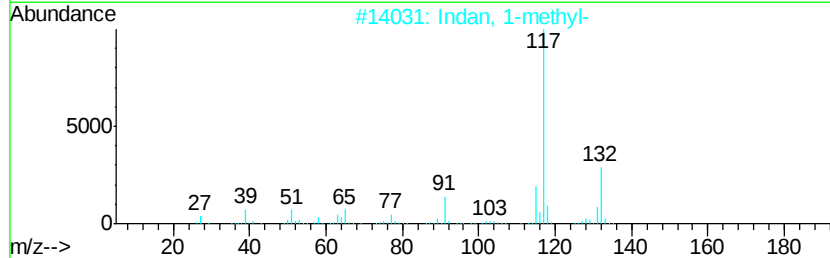
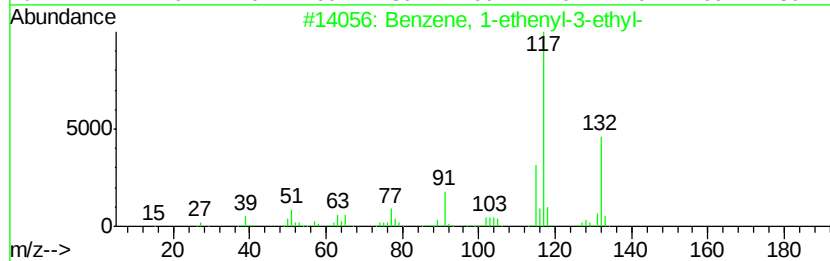
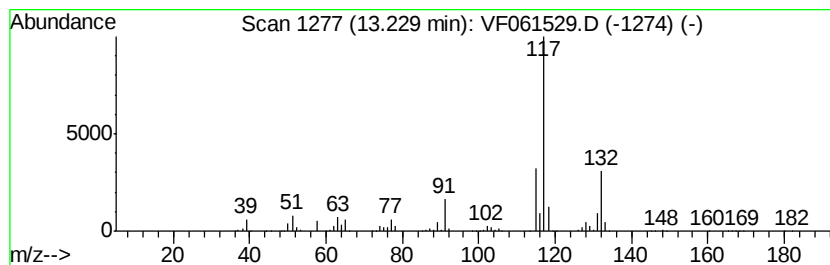
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	219.23 ug/l	9217720	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

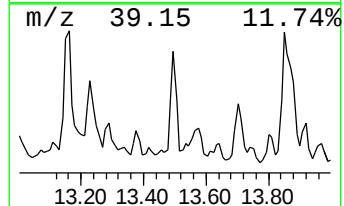
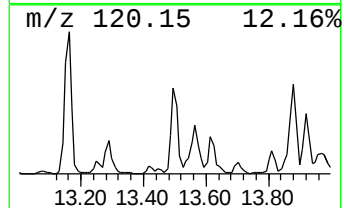
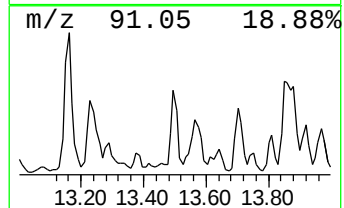
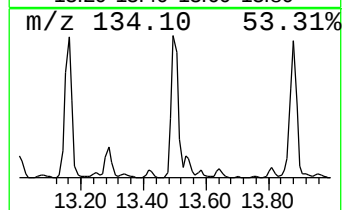
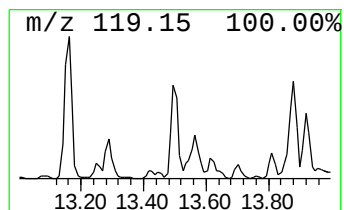
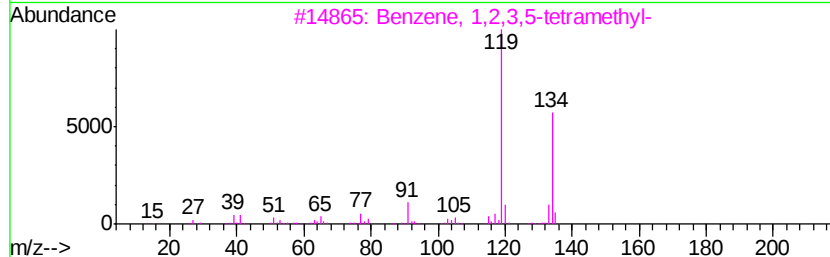
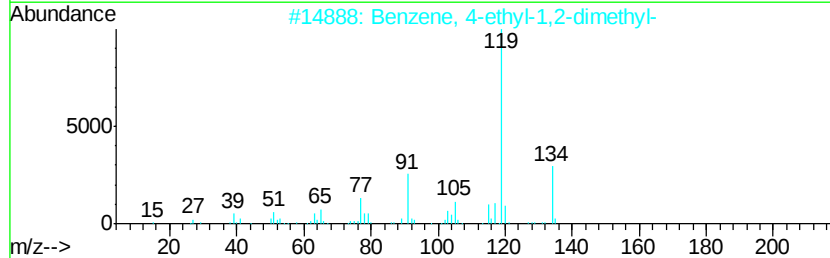
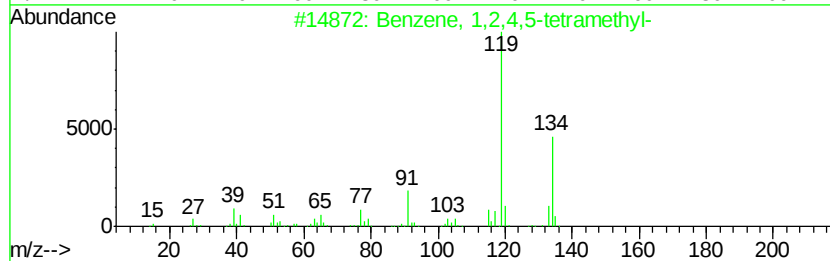
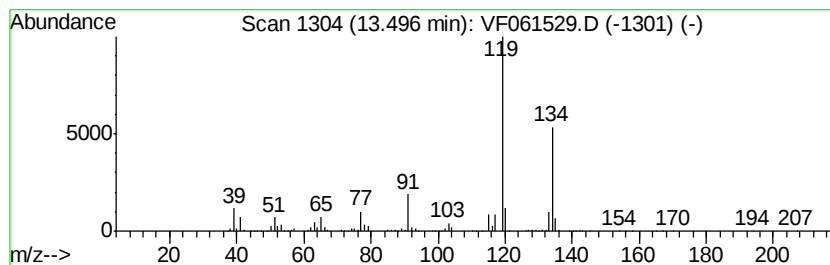
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	162.24 ug/l	6821460	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

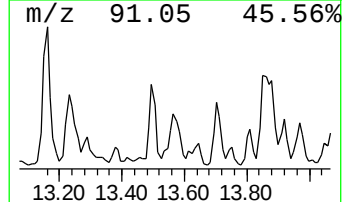
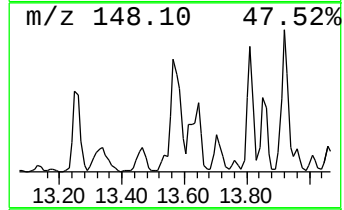
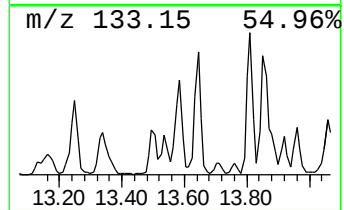
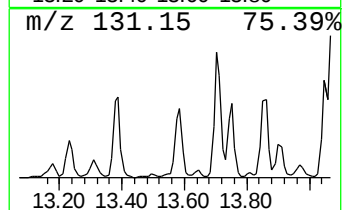
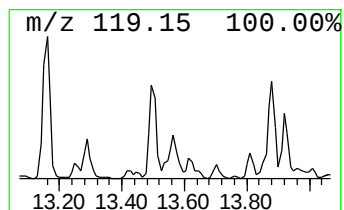
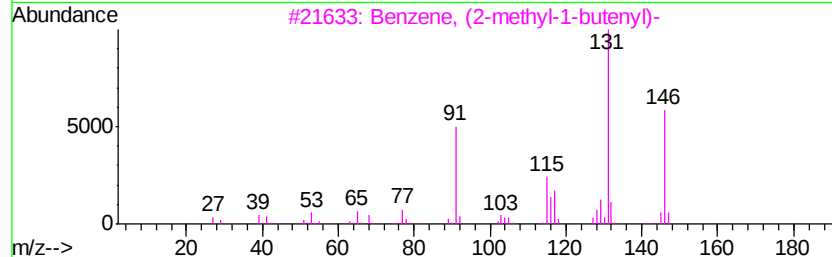
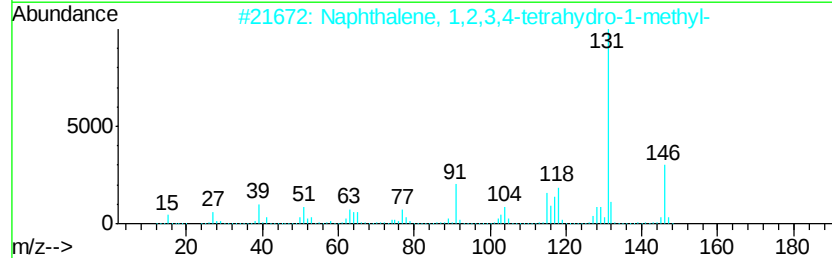
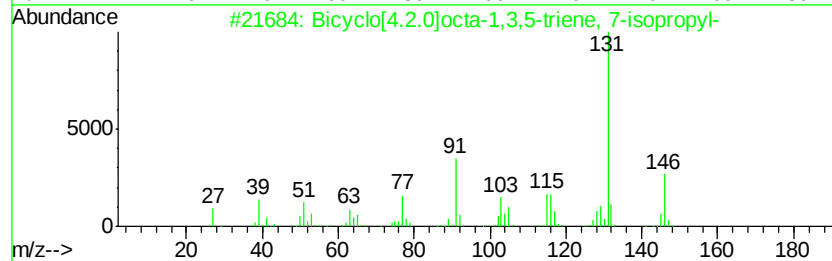
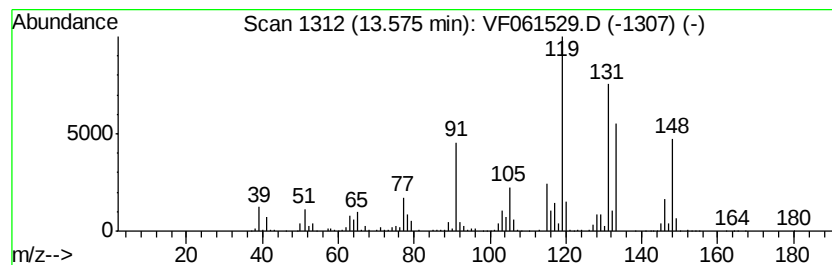
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Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	155.87 ug/l	6553810	1,4-Dichlorobenzene-d4	12.55

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
3	Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	46
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

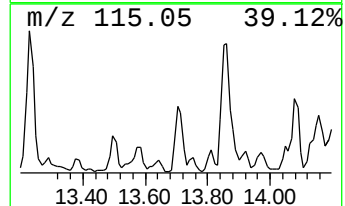
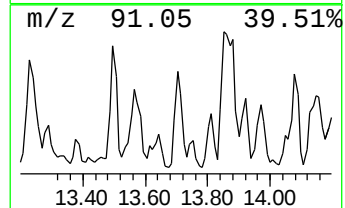
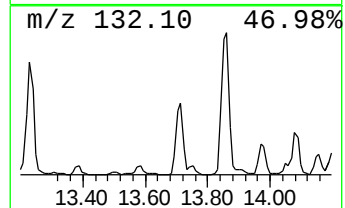
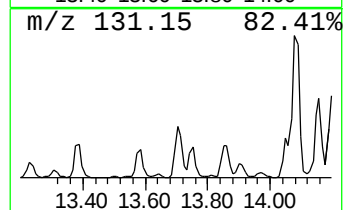
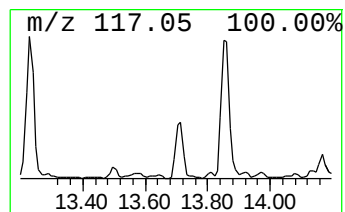
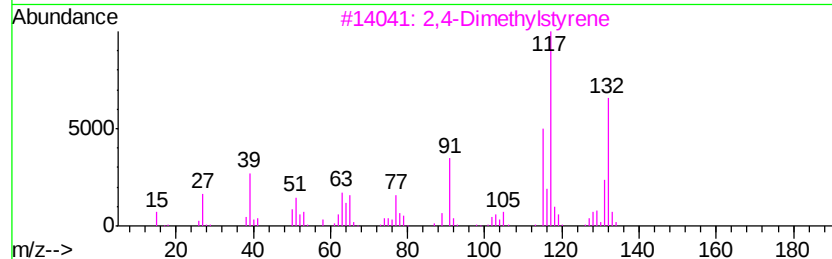
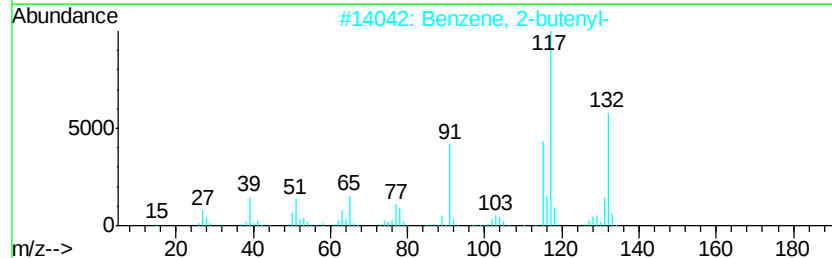
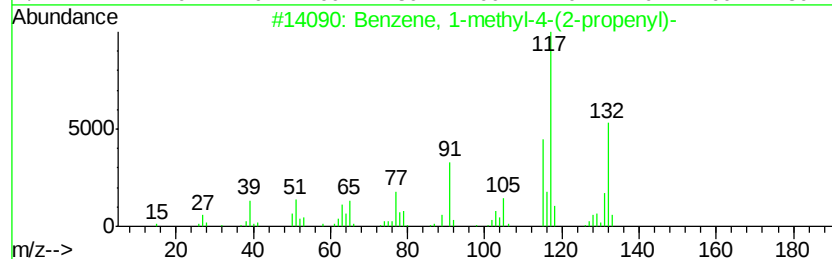
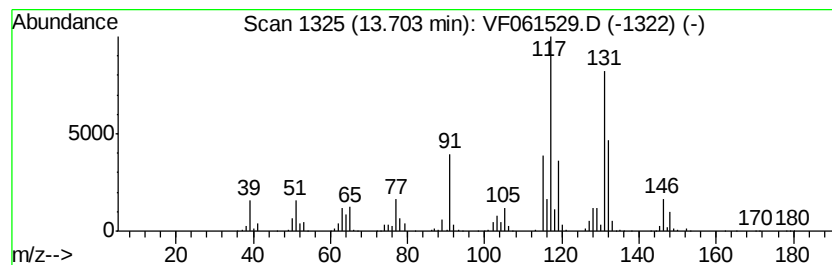
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-4-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	140.76 ug/l	5918160	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	92
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60
5		Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

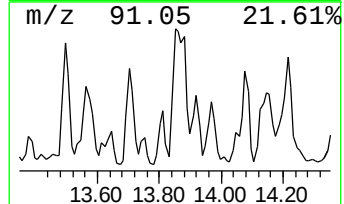
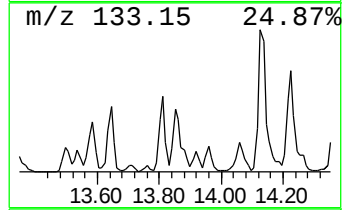
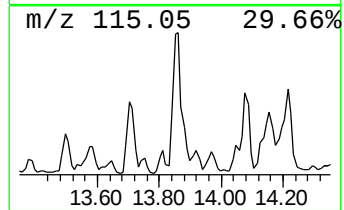
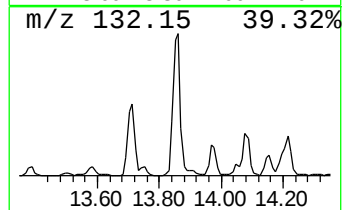
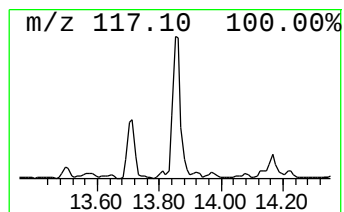
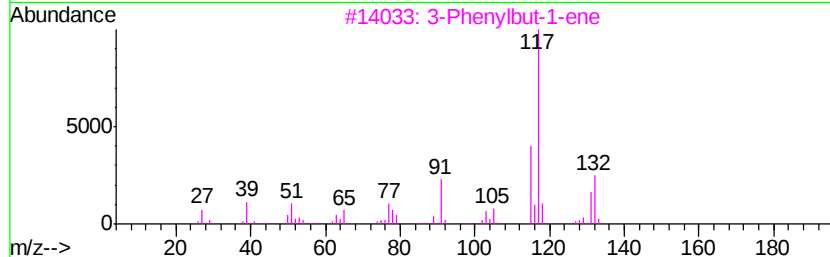
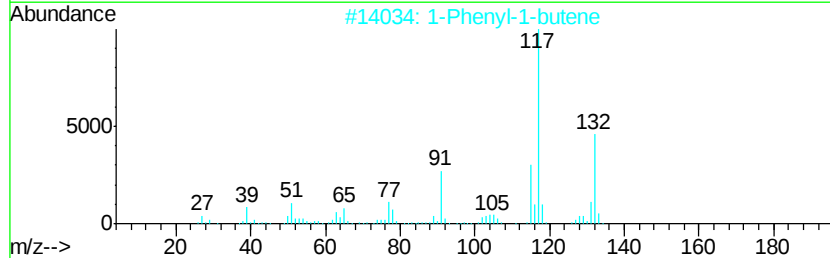
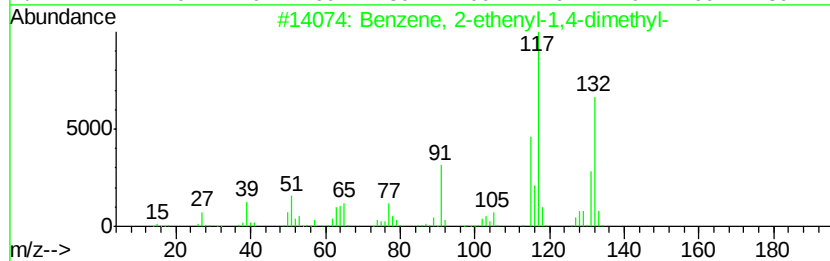
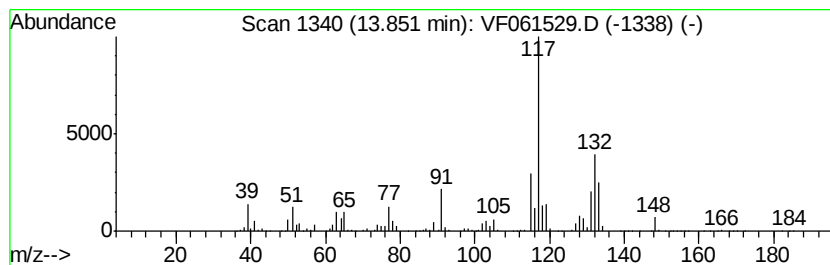
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	347.91 ug/l	14627800	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

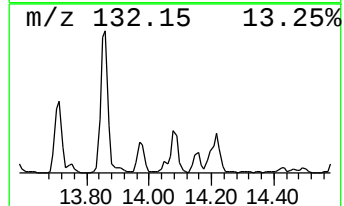
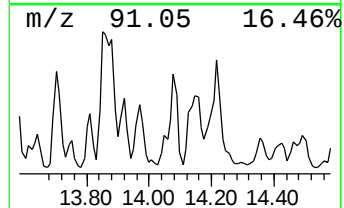
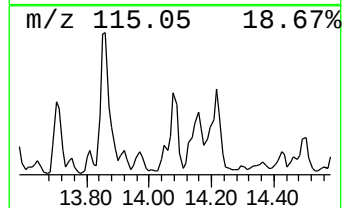
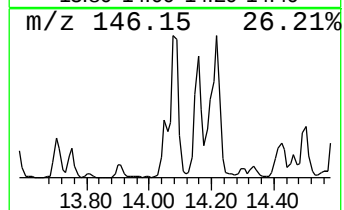
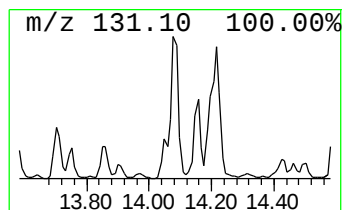
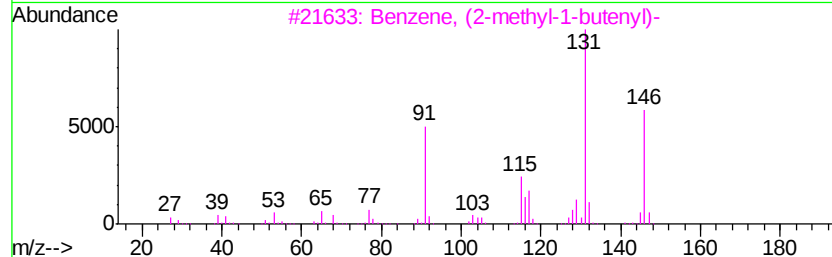
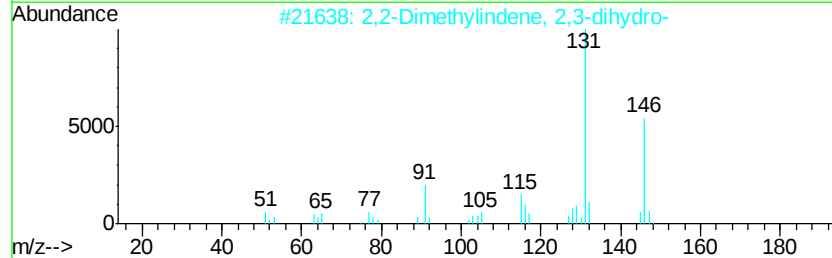
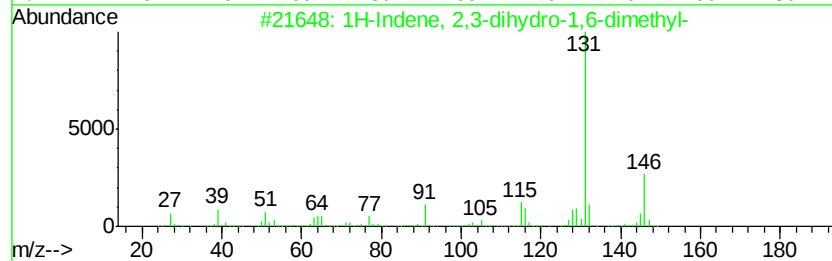
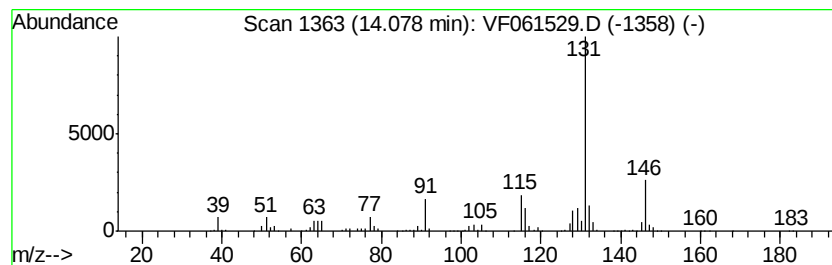
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	186.06 ug/l	7822820	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-diet...	12.74	128.5	ug/l	5402570	4	12.55	2102270	50.0
Benzene, 2-ethyl-...	13.16	275.9	ug/l	11599900	4	12.55	2102270	50.0
Benzene, 1-etheny...	13.23	219.2	ug/l	9217720	4	12.55	2102270	50.0
Benzene, 1,2,4,5-...	13.50	162.2	ug/l	6821460	4	12.55	2102270	50.0
Bicyclo[4.2.0]oct...	13.57	155.9	ug/l	6553810	4	12.55	2102270	50.0
Benzene, 1-methyl...	13.70	140.8	ug/l	5918160	4	12.55	2102270	50.0
Benzene, 2-etheny...	13.85	347.9	ug/l	14627800	4	12.55	2102270	50.0
1H-Indene, 2,3-di...	14.08	186.1	ug/l	7822820	4	12.55	2102270	50.0