

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061772.D
 Acq On : 27 Feb 2019 18:01
 Operator : VA/AP
 Sample : K1353-03
 Misc : 5.55q/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-B

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\82F021319S.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	1.062	39	44	51	rBV2	17723	38296	3.69%	0.411%
2	2.176	152	157	158	rBV3	5450	11714	1.13%	0.126%
3	2.225	158	162	166	rBV3	14827	34269	3.30%	0.368%
4	2.363	172	176	182	rVB3	13471	34980	3.37%	0.375%
5	4.000	335	342	346	rBV	25335	92394	8.91%	0.991%
6	4.099	346	352	363	rVB	137093	448307	43.22%	4.811%
7	4.385	376	381	390	rVB4	5342	24473	2.36%	0.263%
8	4.848	418	428	442	rBV2	300335	1037249	100.00%	11.131%
9	5.578	496	502	522	rBV	318241	920427	88.74%	9.877%
10	7.540	696	701	713	rBV	347387	821117	79.16%	8.811%
11	8.211	761	769	775	rBV3	9870	36571	3.53%	0.392%
12	9.769	921	927	935	rVV	368959	850206	81.97%	9.124%
13	9.867	935	937	945	rVV7	5346	18170	1.75%	0.195%
14	10.656	1015	1017	1020	rBV3	6068	13081	1.26%	0.140%
15	10.834	1031	1035	1043	rVB6	3893	12787	1.23%	0.137%
16	11.258	1076	1078	1083	rVB4	8813	17374	1.68%	0.186%
17	11.405	1088	1093	1099	rBV	270238	467836	45.10%	5.020%
18	11.553	1103	1108	1115	rBV3	23737	55372	5.34%	0.594%
19	11.652	1115	1118	1121	rVB	21999	34186	3.30%	0.367%
20	11.711	1121	1124	1128	rBV	16633	31879	3.07%	0.342%
21	11.820	1131	1135	1138	rVB2	21261	35364	3.41%	0.379%
22	11.938	1143	1147	1149	rBV4	5900	11178	1.08%	0.120%
23	11.987	1149	1152	1153	rBV2	19010	27629	2.66%	0.296%
24	12.017	1153	1155	1157	rVB	18309	24117	2.33%	0.259%
25	12.145	1165	1168	1171	rBV4	9214	24167	2.33%	0.259%
26	12.194	1171	1173	1177	rVB	28107	43903	4.23%	0.471%
27	12.382	1188	1192	1193	rBV2	13923	26287	2.53%	0.282%
28	12.421	1193	1196	1198	rVV2	20151	35676	3.44%	0.383%
29	12.451	1198	1199	1205	rVB4	21076	29791	2.87%	0.320%
30	12.539	1205	1208	1212	rBV	360160	600711	57.91%	6.446%
31	12.599	1212	1214	1218	rVB	57610	85245	8.22%	0.915%
32	12.717	1223	1226	1229	rBV3	26553	61281	5.91%	0.658%
33	12.766	1229	1231	1233	rVV2	30270	52220	5.03%	0.560%
34	12.806	1233	1235	1242	rVB5	80067	178501	17.21%	1.916%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	12.924	1244	1247	1252	rBV5	13720	41644	4.01%	0.447%
36	13.003	1252	1255	1259	rVB	31596	62085	5.99%	0.666%
37	13.092	1259	1264	1267	rBV	35922	91213	8.79%	0.979%
38	13.151	1267	1270	1271	rBV	36634	51407	4.96%	0.552%
39	13.190	1271	1274	1276	rVV3	27869	62558	6.03%	0.671%
40	13.249	1276	1280	1281	rVV2	29785	70593	6.81%	0.758%
41	13.279	1281	1283	1287	rVV2	35982	65334	6.30%	0.701%
42	13.328	1287	1288	1290	rVV2	15786	18910	1.82%	0.203%
43	13.368	1290	1292	1295	rVB3	24257	35942	3.47%	0.386%
44	13.417	1295	1297	1302	rBV2	30121	49713	4.79%	0.533%
45	13.486	1302	1304	1306	rBV2	35195	42688	4.12%	0.458%
46	13.535	1306	1309	1311	rVV	35459	57768	5.57%	0.620%
47	13.575	1311	1313	1315	rVB	27498	34155	3.29%	0.367%
48	13.614	1315	1317	1318	rBV2	7688	12629	1.22%	0.136%
49	13.634	1318	1319	1321	rVB	17142	13173	1.27%	0.141%
50	13.703	1322	1326	1329	rBV2	122510	188441	18.17%	2.022%
51	13.752	1329	1331	1334	rVB3	22177	31743	3.06%	0.341%
52	13.802	1334	1336	1338	rBV	24874	35812	3.45%	0.384%
53	13.841	1338	1340	1345	rVV3	117942	239027	23.04%	2.565%
54	13.910	1345	1347	1350	rVB3	38538	52319	5.04%	0.561%
55	13.959	1350	1352	1356	rVB2	75176	106831	10.30%	1.146%
56	14.048	1358	1361	1362	rBV3	21841	37558	3.62%	0.403%
57	14.068	1362	1363	1366	rVB	28960	38589	3.72%	0.414%
58	14.147	1366	1371	1374	rBV4	63580	155441	14.99%	1.668%
59	14.206	1375	1377	1381	rVV2	57213	97100	9.36%	1.042%
60	14.295	1384	1386	1389	rVB4	16157	21446	2.07%	0.230%
61	14.354	1389	1392	1394	rBV4	11092	21857	2.11%	0.235%
62	14.403	1394	1397	1400	rVV2	56705	96617	9.31%	1.037%
63	14.452	1400	1402	1410	rVB3	89871	188248	18.15%	2.020%
64	14.551	1410	1412	1414	rBV3	16346	25872	2.49%	0.278%
65	14.591	1414	1416	1419	rVB2	37377	54786	5.28%	0.588%
66	14.729	1427	1430	1434	rVB	151178	214179	20.65%	2.298%
67	14.817	1437	1439	1440	rBV	12554	16265	1.57%	0.175%
68	14.867	1440	1444	1449	rVB3	36542	99043	9.55%	1.063%
69	14.936	1449	1451	1453	rVB3	12923	18459	1.78%	0.198%
70	14.985	1453	1456	1461	rBV	93599	152452	14.70%	1.636%
71	15.054	1461	1463	1465	rVB3	10244	14551	1.40%	0.156%

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Integration Parameters: RTEINT.P

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	15.103	1465	1468	1472	rBV2	109418	196085	18.90%	2.104%
73	15.241	1480	1482	1483	rBV	6773	11023	1.06%	0.118%
74	15.271	1483	1485	1488	rVV4	10527	18525	1.79%	0.199%
75	15.340	1488	1492	1495	rVV2	39935	83451	8.05%	0.896%
76	15.399	1496	1498	1500	rVB3	11381	14608	1.41%	0.157%
77	15.488	1504	1507	1508	rBV3	7714	13759	1.33%	0.148%
78	15.517	1508	1510	1513	rVB3	7738	11117	1.07%	0.119%
79	15.636	1519	1522	1527	rVB	43441	84120	8.11%	0.903%
80	15.705	1527	1529	1533	rBV4	9113	17821	1.72%	0.191%
81	15.932	1549	1552	1554	rBV3	7681	15040	1.45%	0.161%

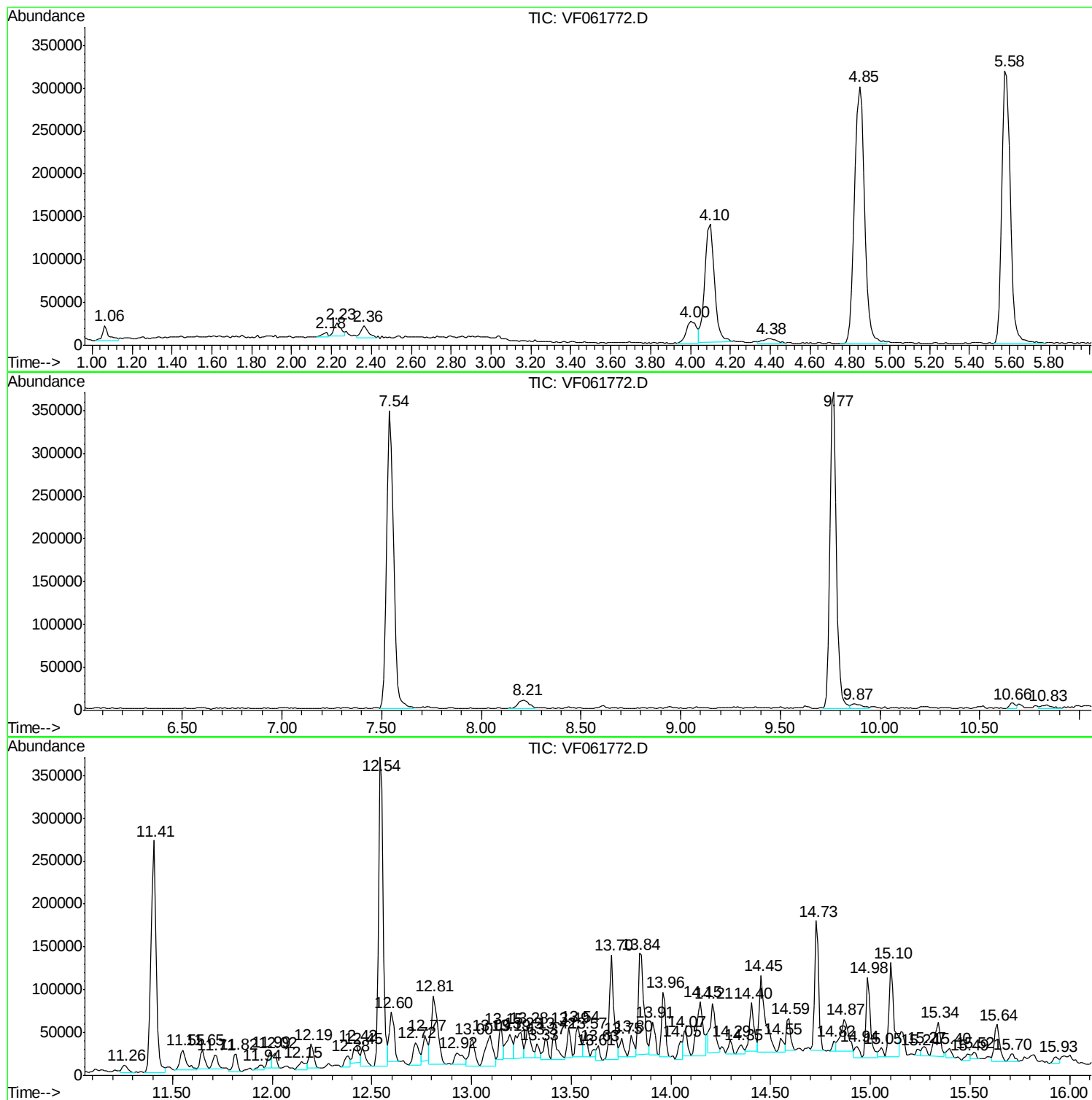
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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



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Operator : VA/AP
Sample : K1353-03
Misc : 5.55a/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

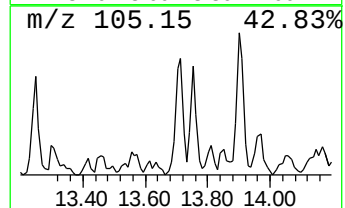
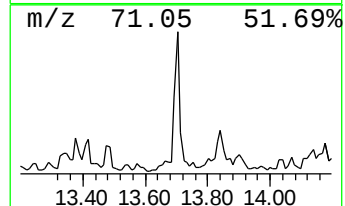
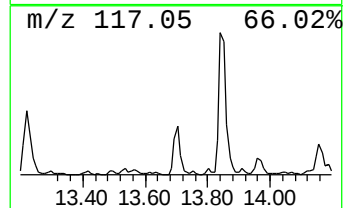
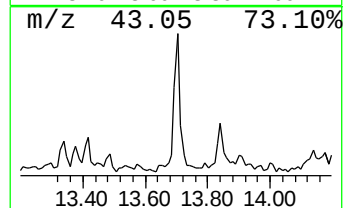
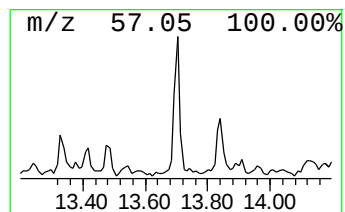
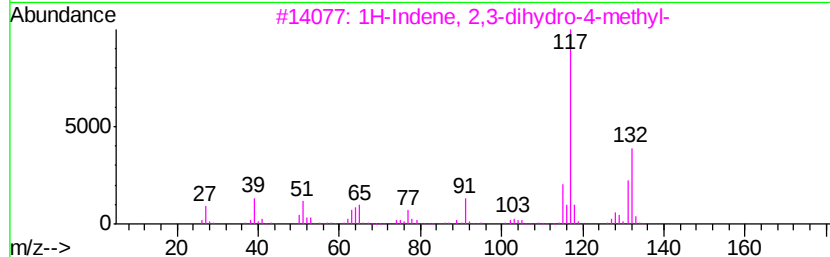
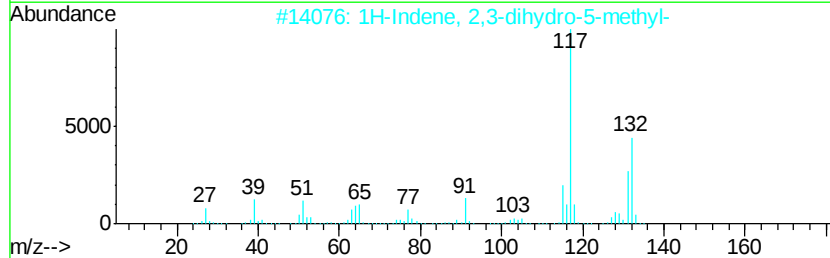
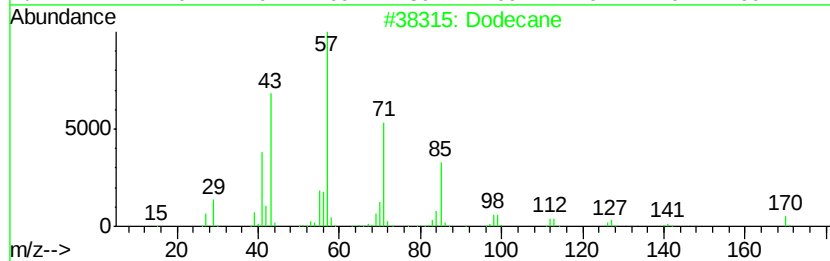
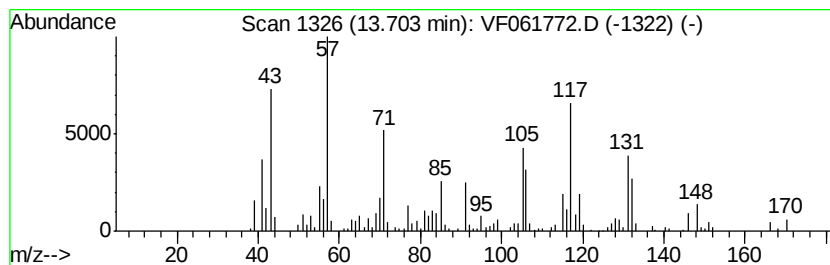
Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	15.68 ug/l	188441	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	44
2	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	35
3	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	35
4	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	35
5	Benzene, 2-butenyl-	132 C10H12	001560-06-1	25



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Misc : 5.55a/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

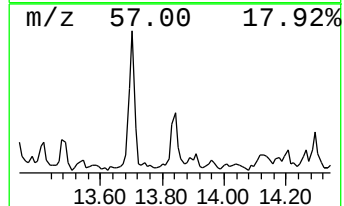
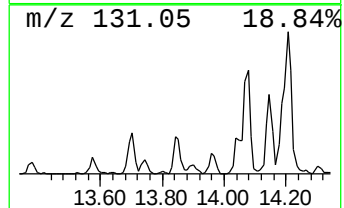
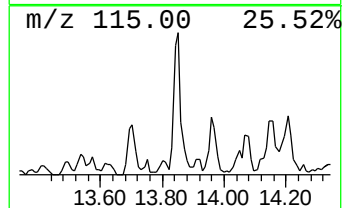
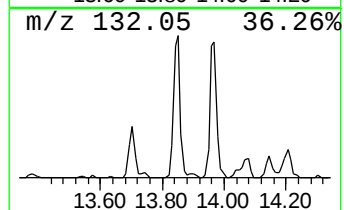
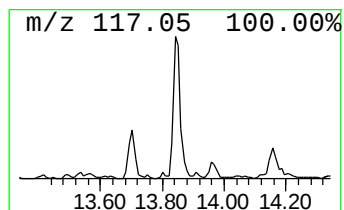
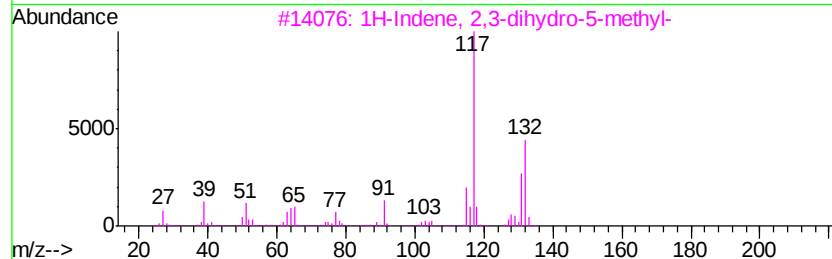
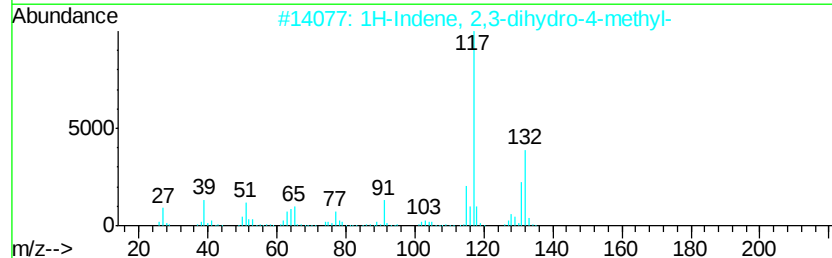
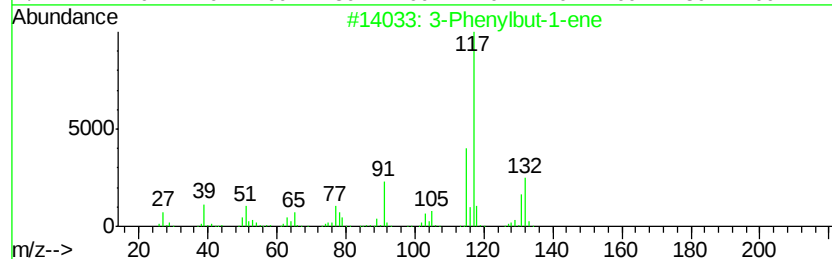
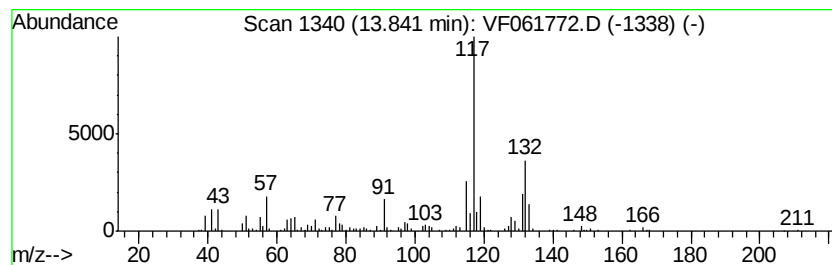
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	19.90 ug/l	239027	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	81
3	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	81
4	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	81
5	Indan, 1-methyl-	132 C10H12	000767-58-8	74



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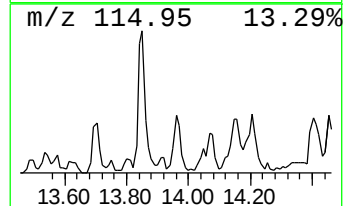
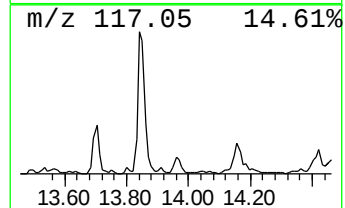
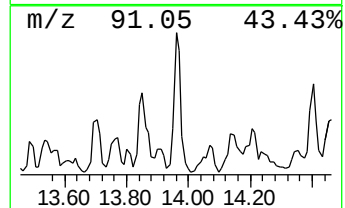
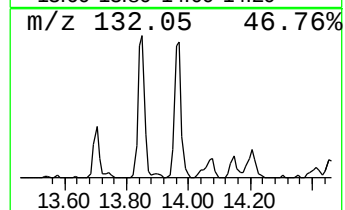
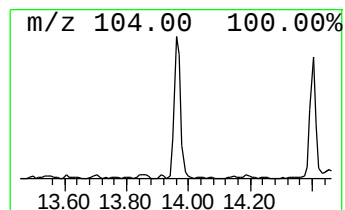
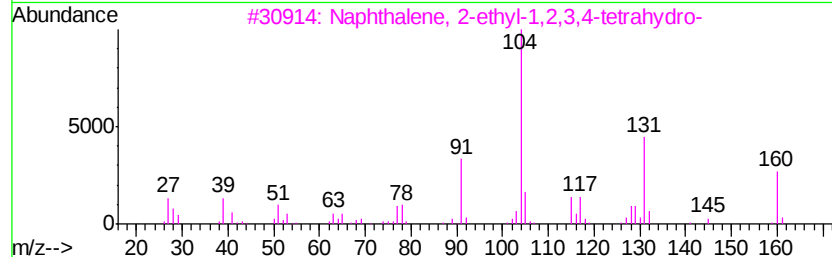
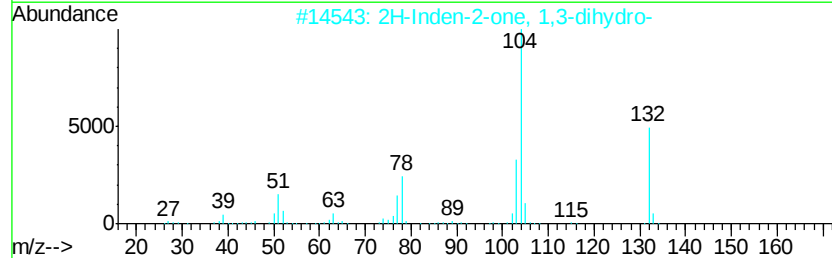
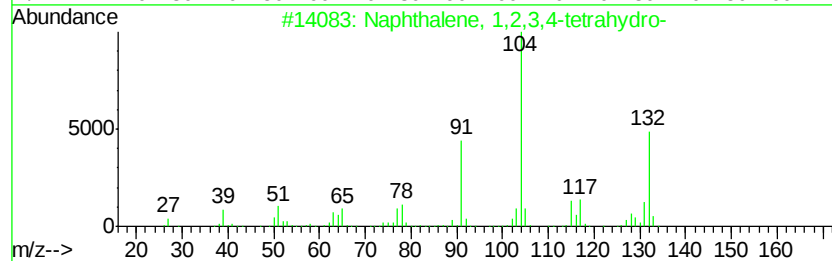
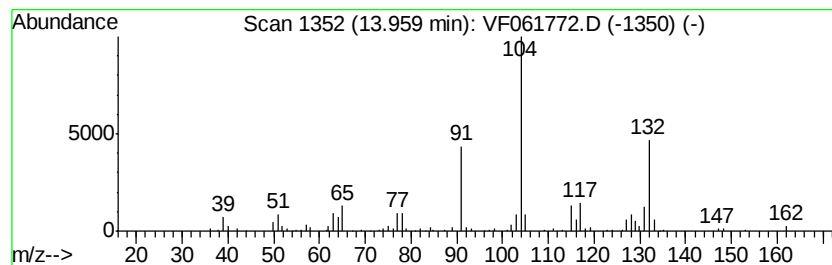
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.96	8.89 ug/l	106831	1,4-Dichlorobenzene-d4	12.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	40
4	4-Pyridinecarbonitrile	104	C6H4N2	000100-48-1	38
5	2-Bromopropionic acid, 2-phenyle...	256	C11H13BrO2	043216-34-8	35



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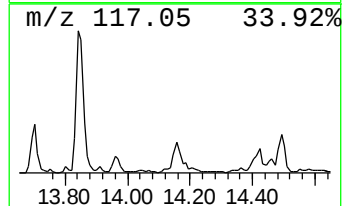
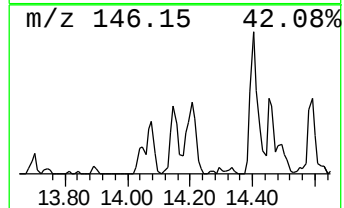
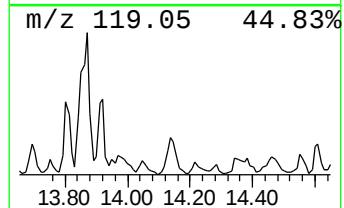
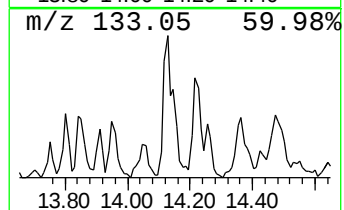
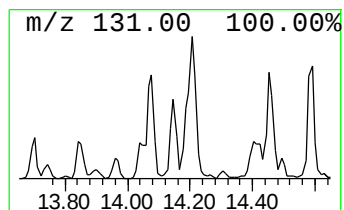
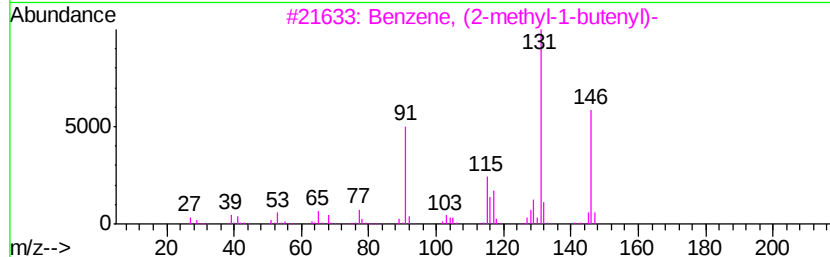
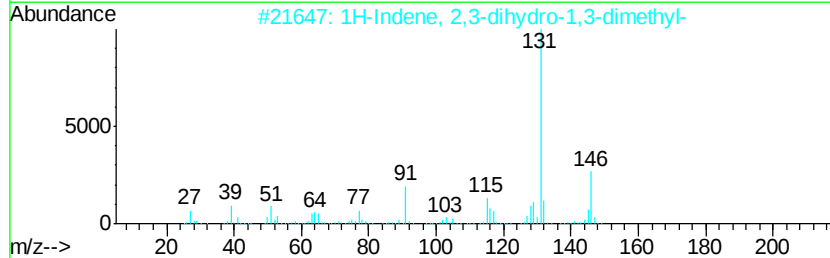
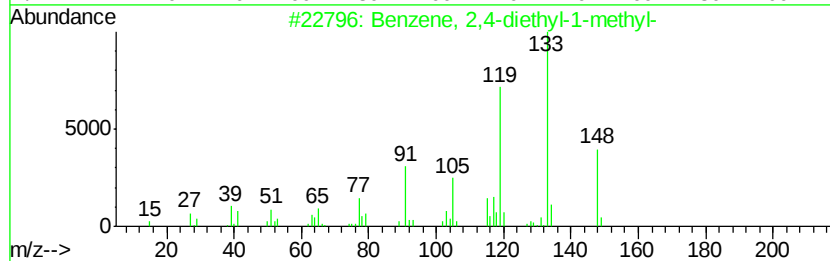
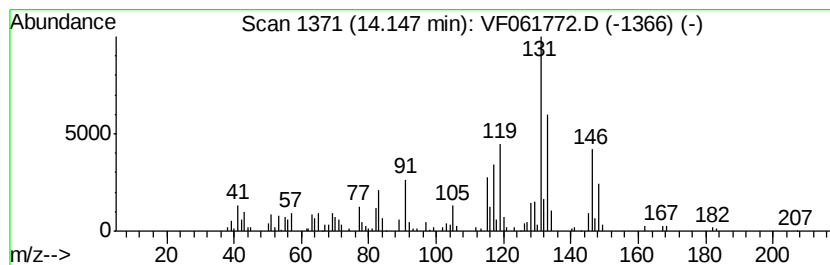
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	12.94 ug/l	155441	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	80
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061772.D
Acq On : 27 Feb 2019 18:01
Operator : VA/AP
Sample : K1353-03
Misc : 5.55a/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-B

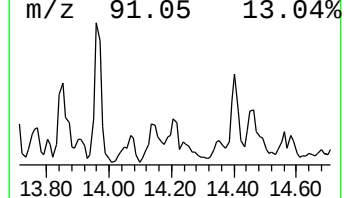
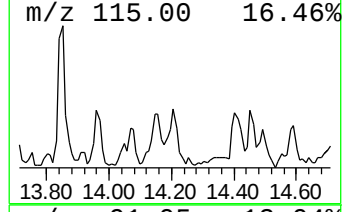
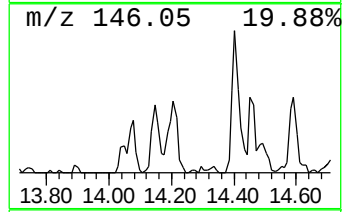
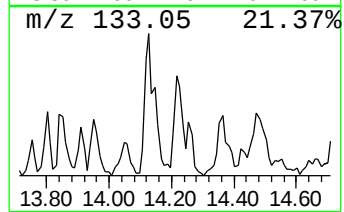
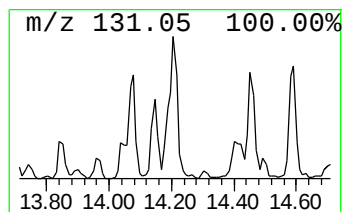
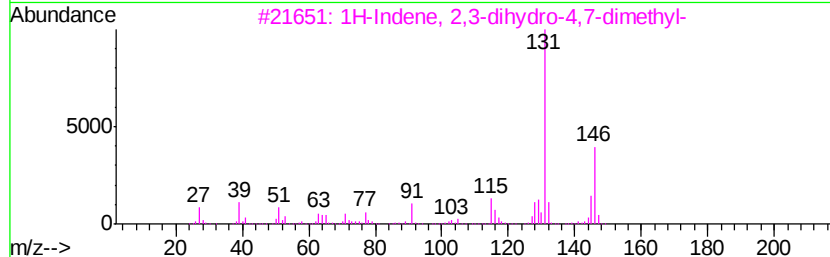
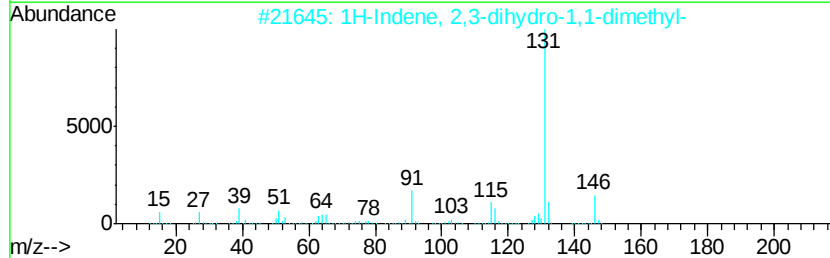
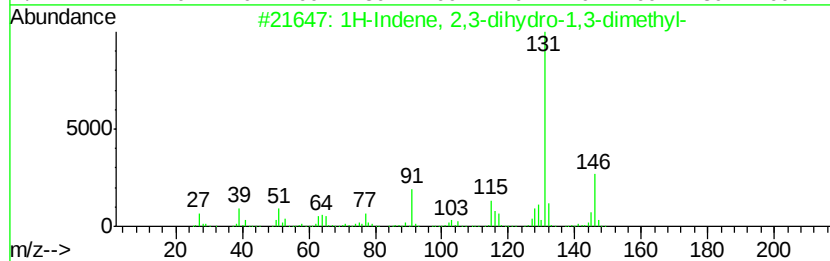
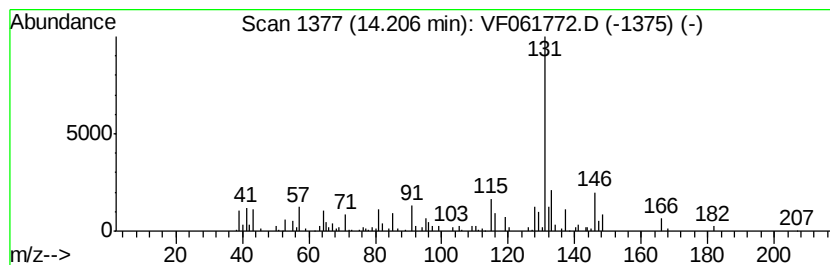
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	8.08 ug/l	97100	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	68
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	68
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061772.D
Acq On : 27 Feb 2019 18:01
Operator : VA/AP
Sample : K1353-03
Misc : 5.55q/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-B

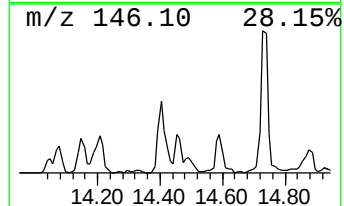
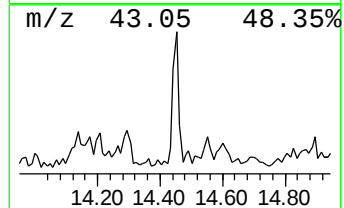
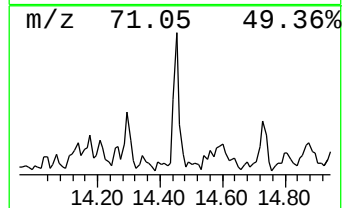
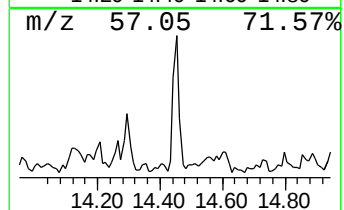
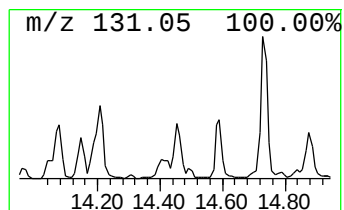
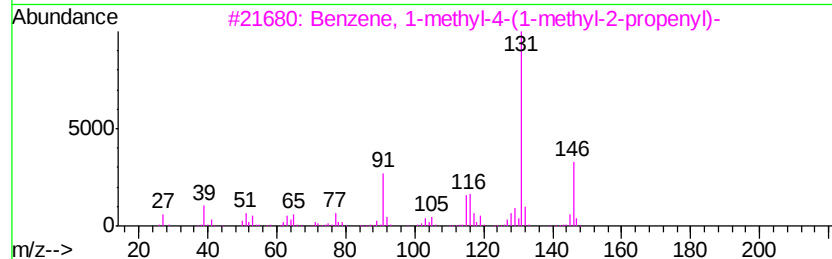
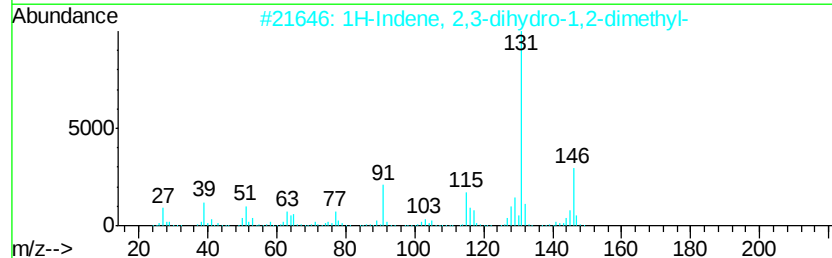
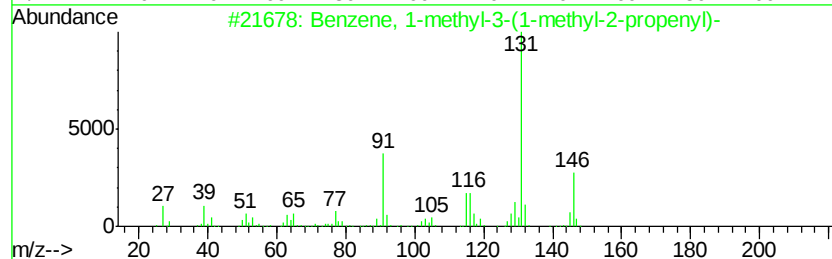
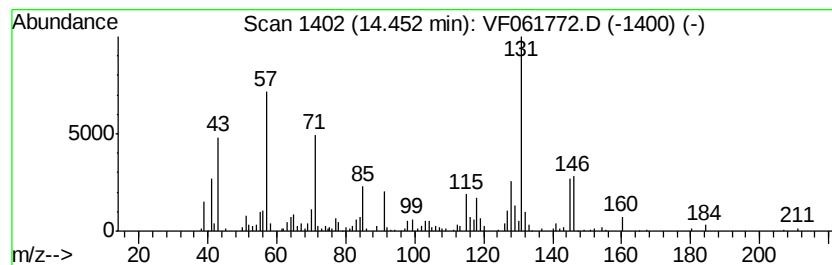
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	15.67 ug/l	188248	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	49
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	49
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061772.D
Acq On : 27 Feb 2019 18:01
Operator : VA/AP
Sample : K1353-03
Misc : 5.55q/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-B

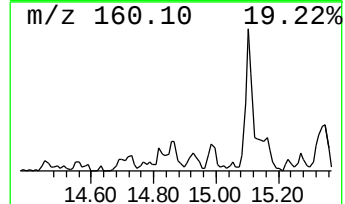
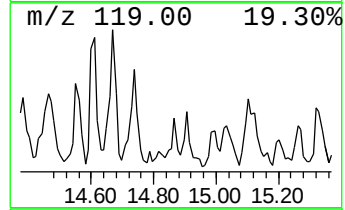
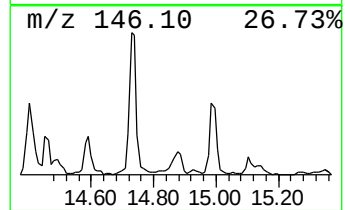
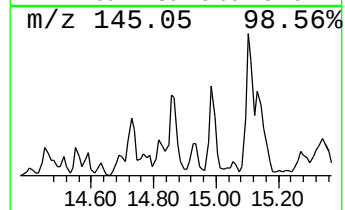
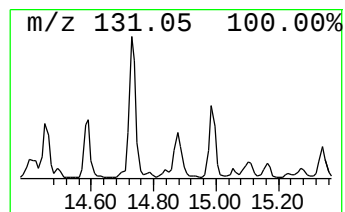
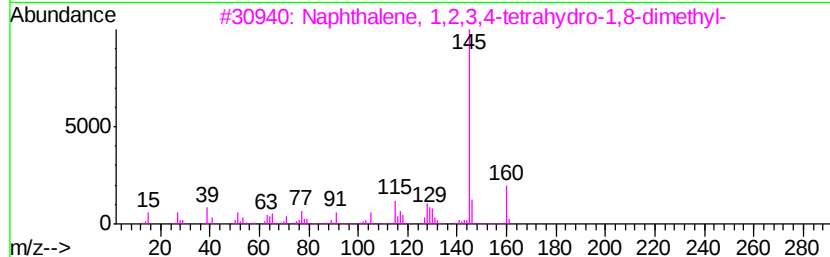
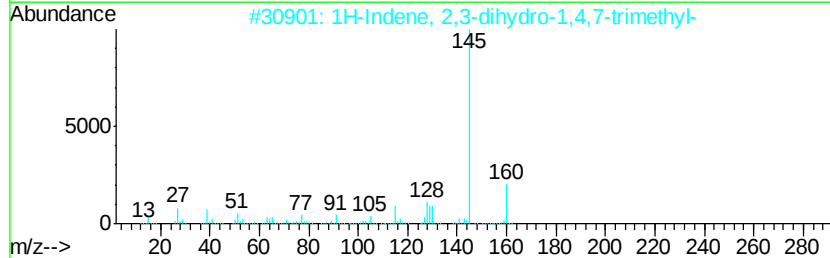
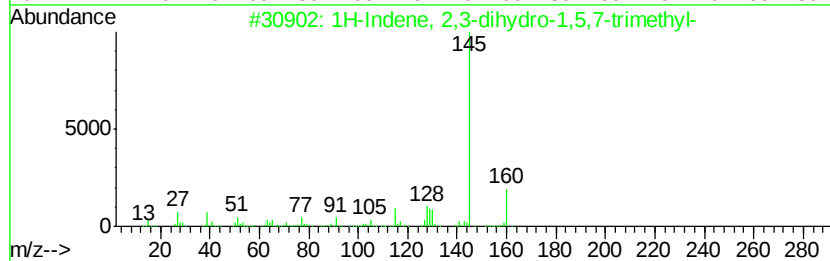
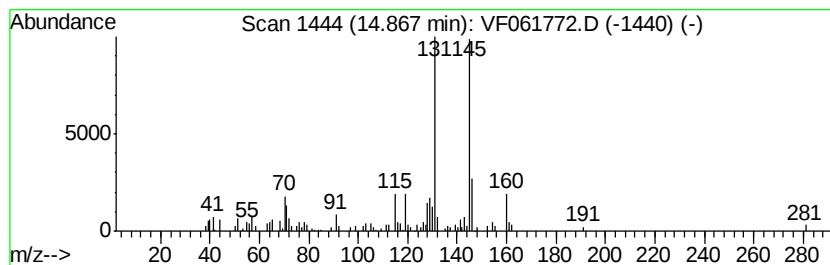
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	8.24 ug/l	99043	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	55
2		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	55
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	55
4		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	49
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061772.D
Acq On : 27 Feb 2019 18:01
Operator : VA/AP
Sample : K1353-03
Misc : 5.55a/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

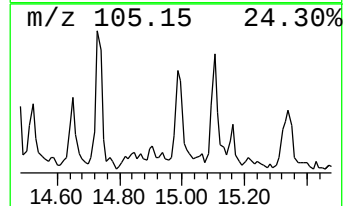
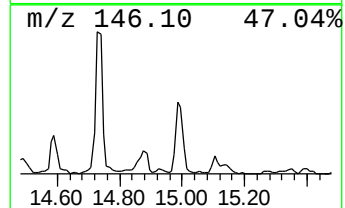
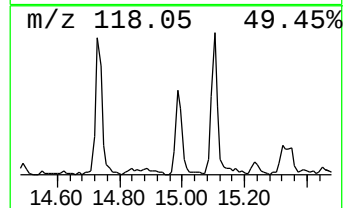
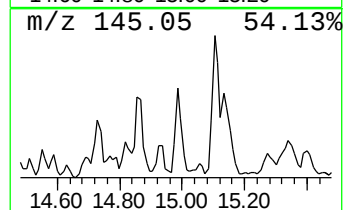
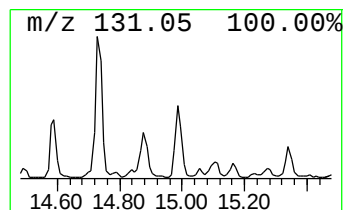
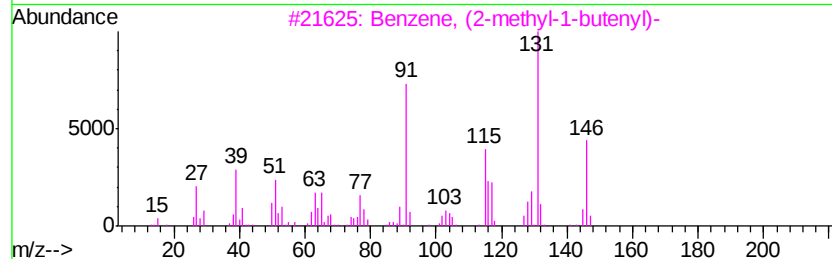
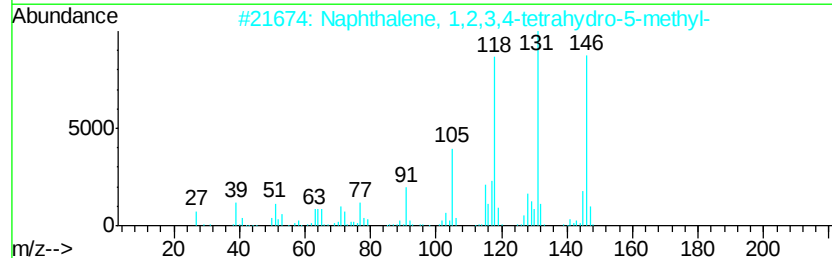
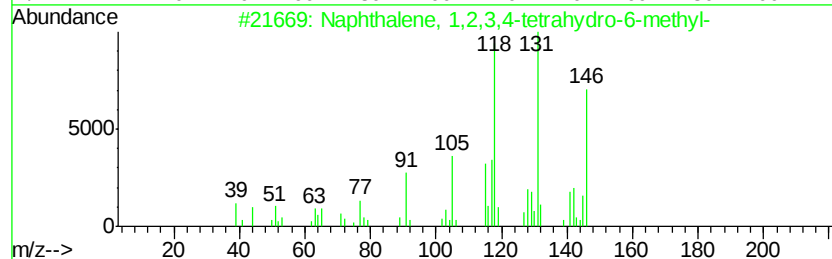
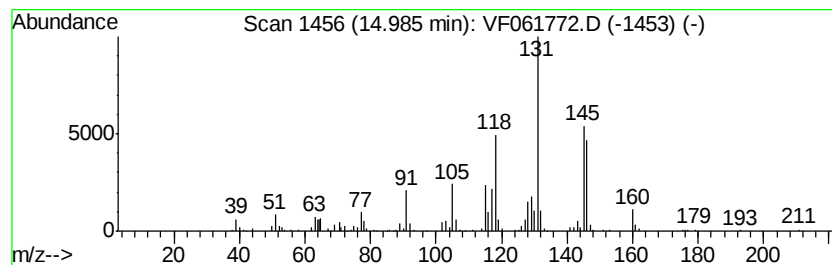
Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	12.69 ug/l	152452	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 81
3		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 58
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 49
5		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061772.D
Acq On : 27 Feb 2019 18:01
Operator : VA/AP
Sample : K1353-03
Misc : 5.55q/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-B

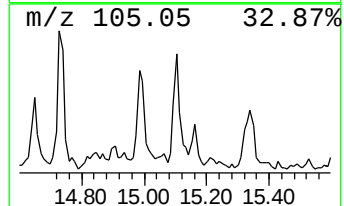
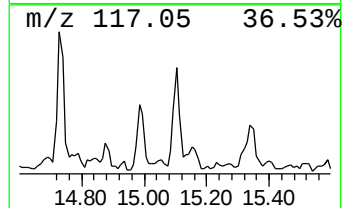
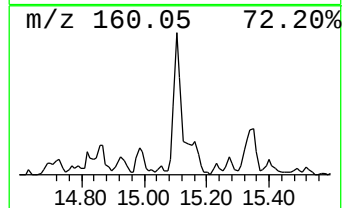
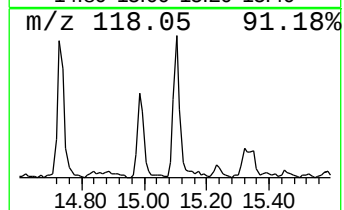
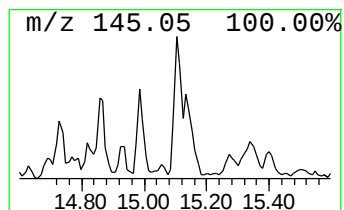
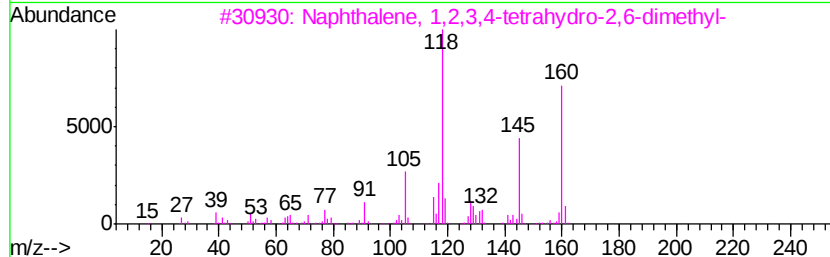
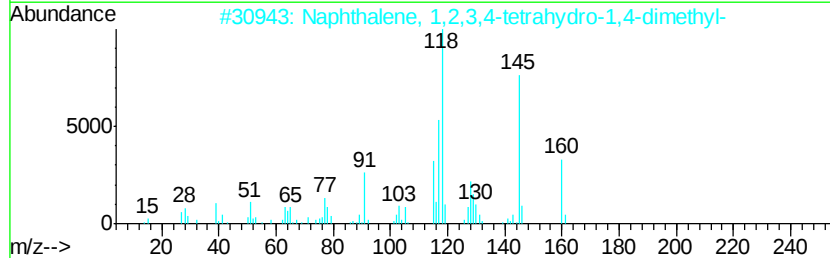
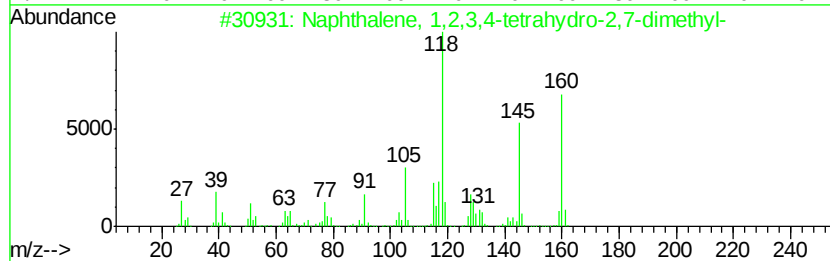
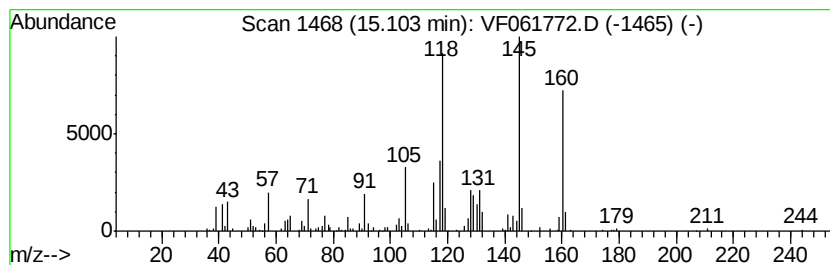
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	16.32 ug/l	196085	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	86
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	83
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5		Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF022719\
Data File : VF061772.D
Acq On : 27 Feb 2019 18:01
Operator : VA/AP
Sample : K1353-03
Misc : 5.55g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.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
unknown13.70	13.70	15.7	ug/l	188441	4	12.55	600711	50.0
3-Phenylbut-1-ene	13.84	19.9	ug/l	239027	4	12.55	600711	50.0
Naphthalene, 1,2,...	13.96	8.9	ug/l	106831	4	12.55	600711	50.0
Benzene, 2,4-diet...	14.15	12.9	ug/l	155441	4	12.55	600711	50.0
1H-Indene, 2,3-di...	14.21	8.1	ug/l	97100	4	12.55	600711	50.0
Benzene, 1-methyl...	14.45	15.7	ug/l	188248	4	12.55	600711	50.0
1H-Indene, 2,3-di...	14.87	8.2	ug/l	99043	4	12.55	600711	50.0
Naphthalene, 1,2,...	14.98	12.7	ug/l	152452	4	12.55	600711	50.0
Naphthalene, 1,2,...	15.10	16.3	ug/l	196085	4	12.55	600711	50.0