

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061794.D
 Acq On : 28 Feb 2019 18:21
 Operator : VA/AP
 Sample : K1349-15
 Misc : 7.62g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-022719-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	1.071	43	45	49	rBV3	9376	18849	1.61%	0.169%
2	2.175	152	157	159	rBV	19200	41751	3.56%	0.374%
3	2.244	159	164	173	rVV4	28781	112875	9.63%	1.011%
4	2.372	173	177	181	rVB3	14594	32368	2.76%	0.290%
5	2.678	207	208	211	rBV	18532	14579	1.24%	0.131%
6	4.009	334	343	347	rBV	42045	161487	13.78%	1.447%
7	4.098	347	352	361	rVB	171497	536578	45.77%	4.807%
8	4.403	373	383	392	rBV2	40180	188662	16.09%	1.690%
9	4.847	419	428	447	rBV2	345029	1172257	100.00%	10.502%
10	5.577	496	502	514	rBV	358587	997022	85.05%	8.932%
11	7.539	695	701	705	rBV	446203	1063653	90.74%	9.529%
12	7.608	705	708	719	rVB	169716	400952	34.20%	3.592%
13	8.200	763	768	772	rBV2	8862	22955	1.96%	0.206%
14	9.620	908	912	918	rBV4	6647	20767	1.77%	0.186%
15	9.758	921	926	935	rVV	476005	1043770	89.04%	9.351%
16	9.876	935	938	948	rVB2	14310	37437	3.19%	0.335%
17	10.113	957	962	968	rBV	62065	128913	11.00%	1.155%
18	10.695	1017	1021	1025	rVB	37411	69131	5.90%	0.619%
19	11.395	1088	1092	1103	rBV	410517	764569	65.22%	6.850%
20	11.553	1103	1108	1115	rVV2	36225	99974	8.53%	0.896%
21	11.641	1115	1117	1120	rVV2	16972	27915	2.38%	0.250%
22	11.700	1120	1123	1128	rVV	40239	82522	7.04%	0.739%
23	11.809	1131	1134	1138	rVB	23959	38311	3.27%	0.343%
24	12.006	1149	1154	1158	rBV	31710	56704	4.84%	0.508%
25	12.193	1170	1173	1177	rVB	101897	138974	11.86%	1.245%
26	12.292	1179	1183	1188	rVB3	6970	16792	1.43%	0.150%
27	12.371	1188	1191	1193	rBV3	8583	15020	1.28%	0.135%
28	12.410	1193	1195	1197	rBV2	12085	19582	1.67%	0.175%
29	12.450	1197	1199	1202	rVB	13505	17842	1.52%	0.160%
30	12.539	1204	1208	1212	rBV	700112	1031918	88.03%	9.245%
31	12.598	1212	1214	1220	rVB	65766	97684	8.33%	0.875%
32	12.706	1222	1225	1228	rBV2	57653	100654	8.59%	0.902%
33	12.765	1228	1231	1232	rVV	28612	44084	3.76%	0.395%
34	12.805	1232	1235	1241	rVB4	66602	172211	14.69%	1.543%

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Integrator: RTE
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35	12.923	1244	1247	1249	rBV4	10242	21088	1.80%	0.189%
36	12.992	1252	1254	1258	rVB	29001	43682	3.73%	0.391%
37	13.081	1258	1263	1267	rBV	45370	124215	10.60%	1.113%
38	13.140	1267	1269	1275	rBV2	48531	109434	9.34%	0.980%
39	13.219	1275	1277	1281	rVB2	39536	67154	5.73%	0.602%
40	13.278	1281	1283	1286	rVB2	21575	30540	2.61%	0.274%
41	13.367	1290	1292	1294	rVB3	12170	14662	1.25%	0.131%
42	13.406	1294	1296	1301	rBV	26289	35944	3.07%	0.322%
43	13.485	1301	1304	1306	rBV2	33614	42092	3.59%	0.377%
44	13.525	1306	1308	1311	rBV	45144	72423	6.18%	0.649%
45	13.564	1311	1312	1314	rVB	15689	16150	1.38%	0.145%
46	13.692	1322	1325	1329	rBV2	132021	217421	18.55%	1.948%
47	13.751	1329	1331	1334	rVB3	17029	29760	2.54%	0.267%
48	13.801	1334	1336	1338	rBV	21222	32043	2.73%	0.287%
49	13.840	1338	1340	1344	rVB2	143784	217327	18.54%	1.947%
50	13.909	1344	1347	1349	rVB2	26290	43186	3.68%	0.387%
51	13.959	1349	1352	1356	rVB	103626	134115	11.44%	1.202%
52	14.037	1358	1360	1361	rBV	17607	21485	1.83%	0.192%
53	14.067	1361	1363	1366	rVB	37705	48789	4.16%	0.437%
54	14.146	1366	1371	1373	rBV3	47360	110273	9.41%	0.988%
55	14.205	1374	1377	1381	rVB2	44563	68712	5.86%	0.616%
56	14.284	1384	1385	1388	rVB	9629	13347	1.14%	0.120%
57	14.343	1388	1391	1394	rBV5	5503	14083	1.20%	0.126%
58	14.402	1394	1397	1399	rBV2	32434	57901	4.94%	0.519%
59	14.452	1399	1402	1404	rBV2	73359	106671	9.10%	0.956%
60	14.550	1410	1412	1413	rBV2	11363	12774	1.09%	0.114%
61	14.580	1413	1415	1420	rVB	35493	55039	4.70%	0.493%
62	14.728	1427	1430	1434	rBV	109735	147974	12.62%	1.326%
63	14.816	1436	1439	1440	rVV3	7206	12352	1.05%	0.111%
64	14.866	1440	1444	1449	rVV5	23096	68809	5.87%	0.616%
65	14.925	1449	1450	1453	rVB3	8188	12829	1.09%	0.115%
66	14.984	1453	1456	1460	rBV2	57915	93904	8.01%	0.841%
67	15.102	1464	1468	1471	rBV2	57754	97313	8.30%	0.872%
68	15.152	1471	1473	1476	rVB3	16252	29664	2.53%	0.266%
69	15.270	1482	1485	1488	rBV	27887	41903	3.57%	0.375%
70	15.329	1488	1491	1494	rVV4	14430	31357	2.67%	0.281%
71	15.398	1494	1498	1504	rVB	20498	37716	3.22%	0.338%

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Integration Parameters: RTEINT.P
Integrator: RTE
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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	15.625	1519	1521	1527	rVB2	19507	39084	3.33%	0.350%
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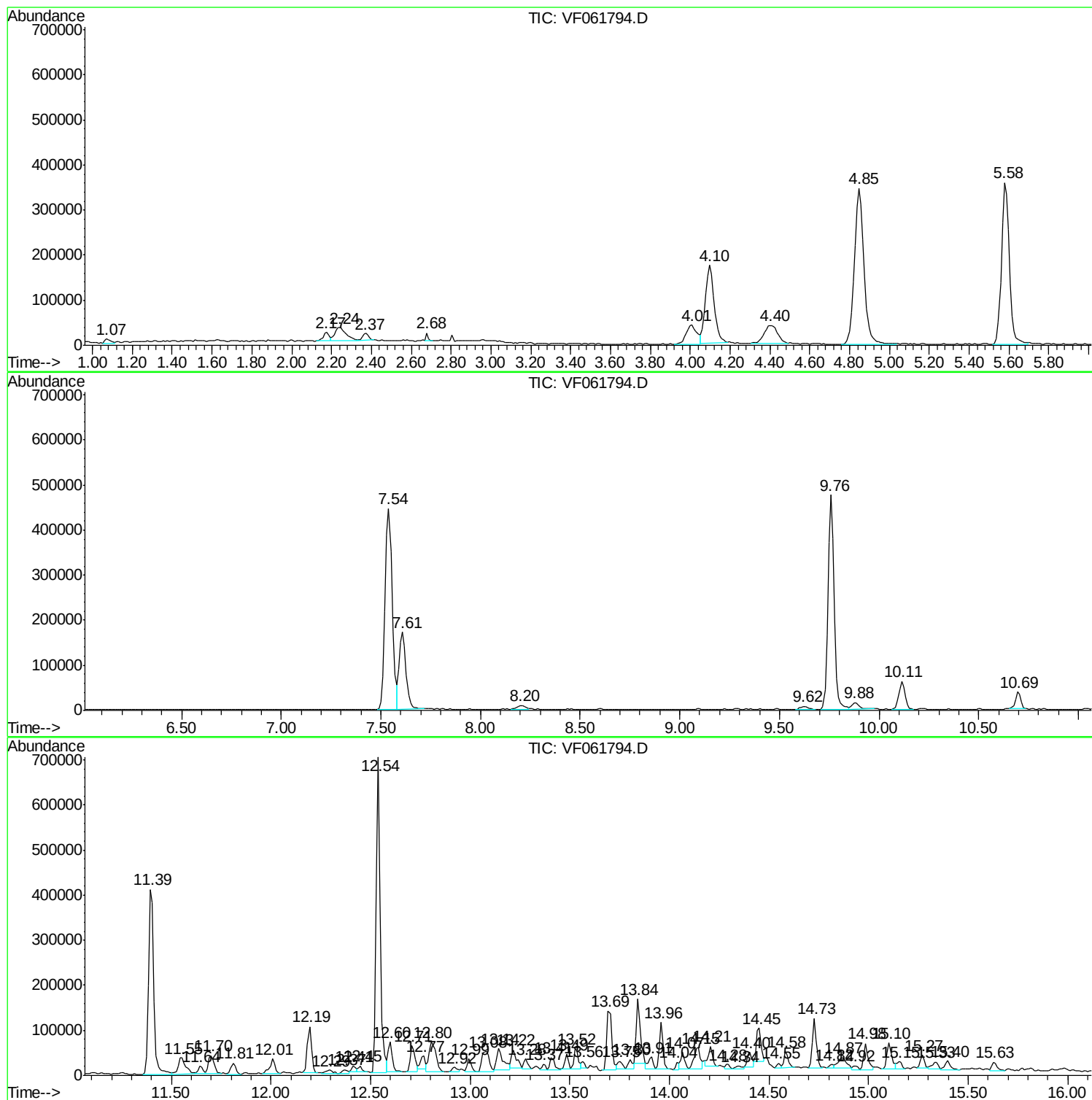
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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



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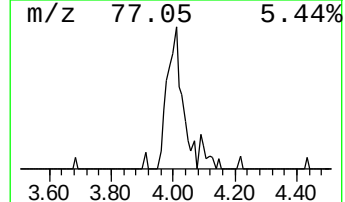
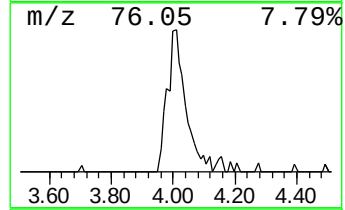
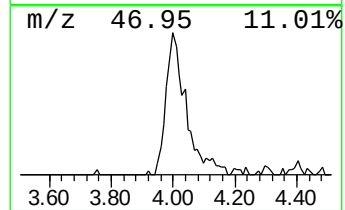
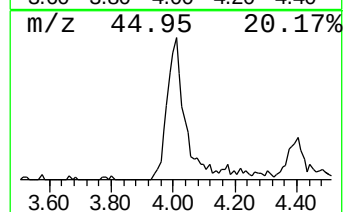
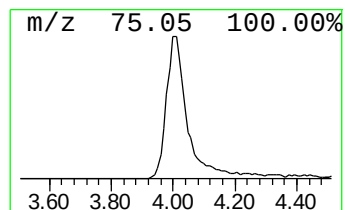
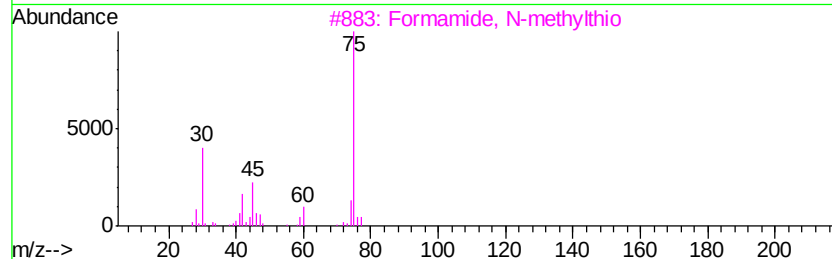
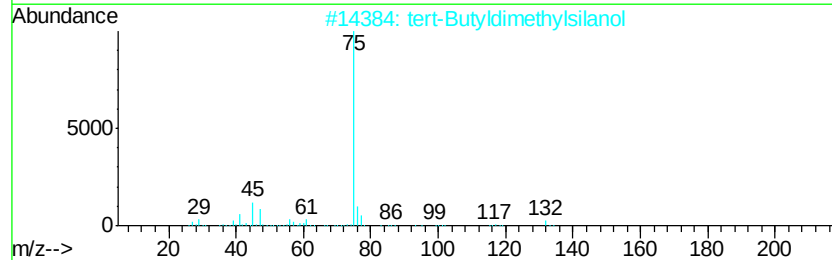
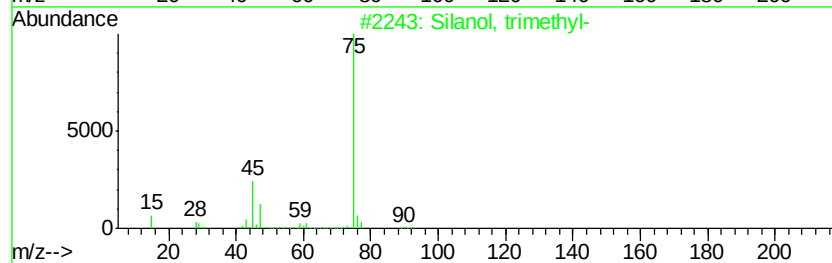
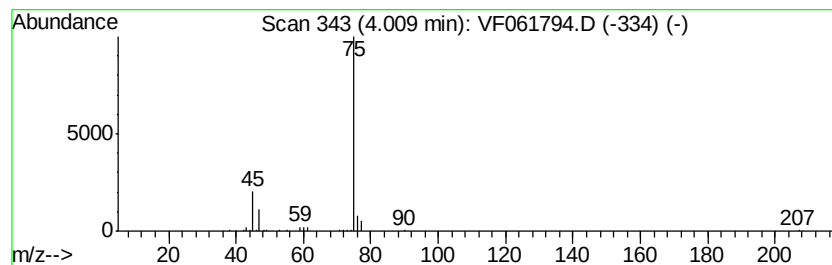
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Quant Title : SW846 8260

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

Peak Number 1 Silanol, trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	6.89 ug/l	161487	Pentafluorobenzene	4.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	86
2		tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	78
3		Formamide, N-methylthio	75	C2H5NS	018952-41-5	72
4		Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	50
5		Propanoic acid, 2-mercapto-2-met...	120	C4H8O2S	004695-31-2	43



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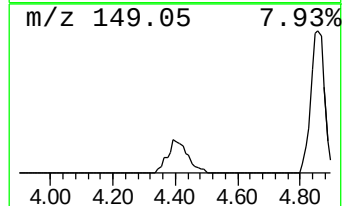
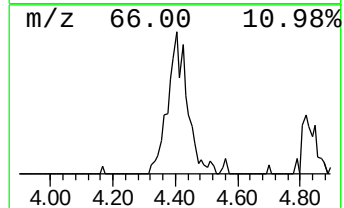
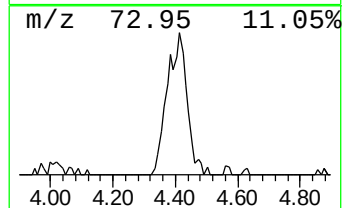
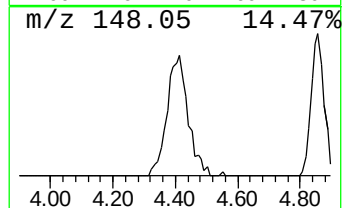
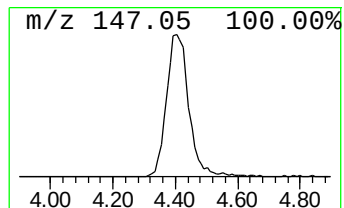
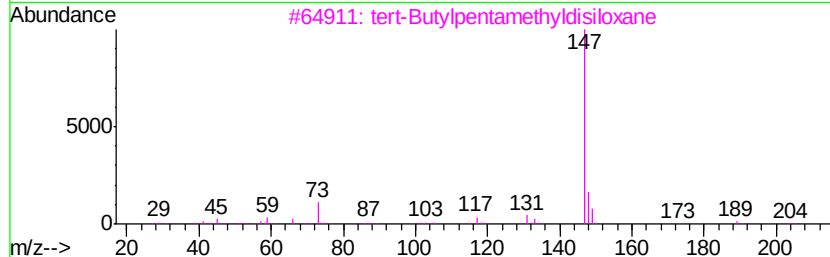
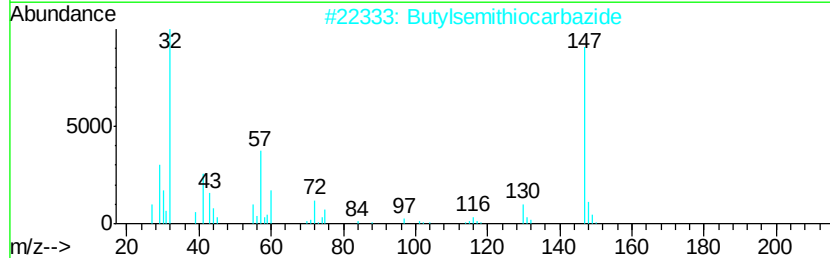
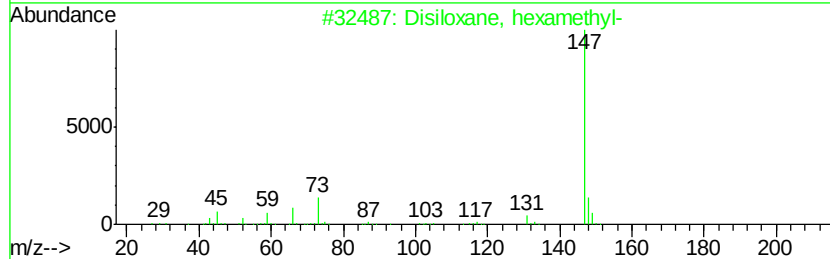
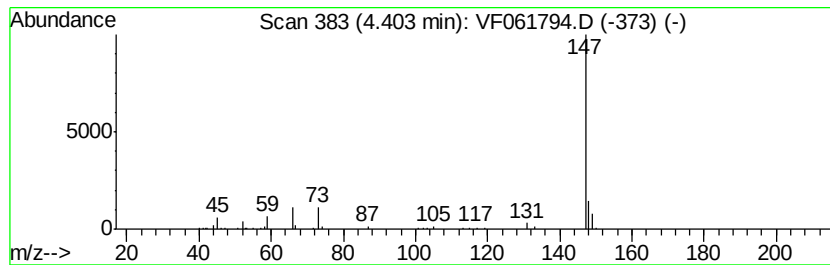
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Quant Title : SW846 8260

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

Peak Number 2 Disiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	8.05 ug/l	188662	Pentafluorobenzene	4.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disiloxane, hexamethyl-	162	C6H18OSi2	000107-46-0	90
2		Butylsemithiocarbazide	147	C5H13N3S	006610-31-7	59
3		tert-Butylpentamethyldisiloxane	204	C9H24OSi2	067875-54-1	56
4		Pyrido[4,3-d]pyrimidin-4(3H)-one	147	C7H5N3O	016952-64-0	50
5		1,13-Bis(trimethylsilyloxy)tride...	360	C19H44O2Si2	1000196-23-0	39



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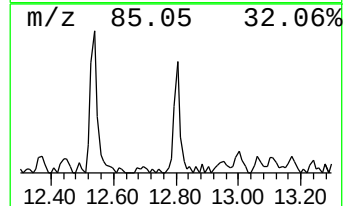
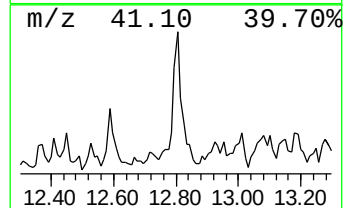
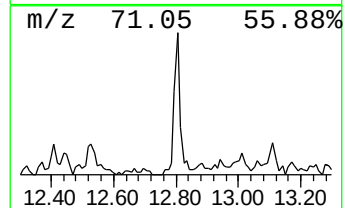
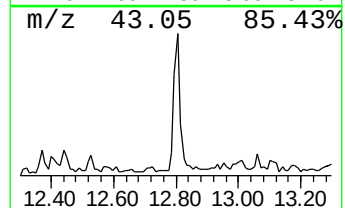
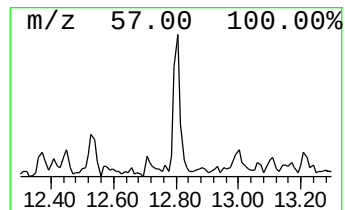
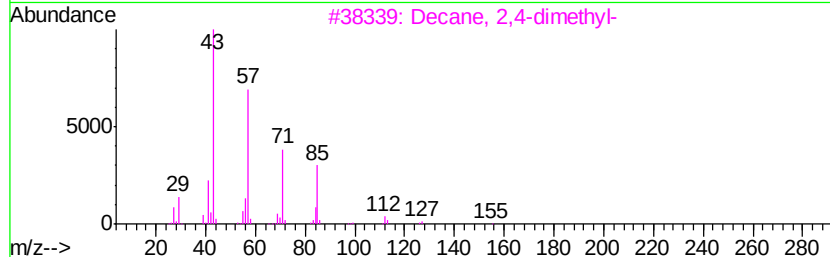
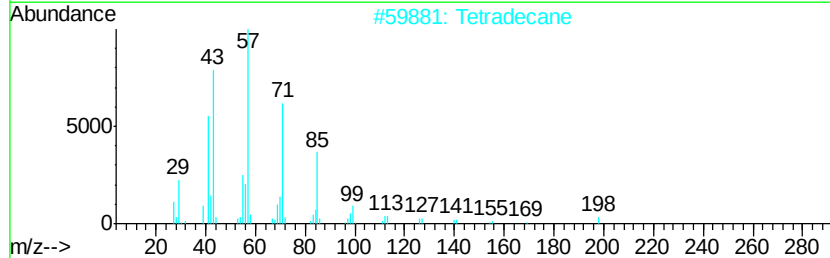
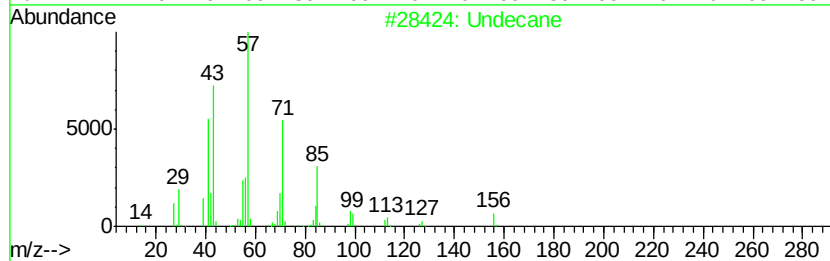
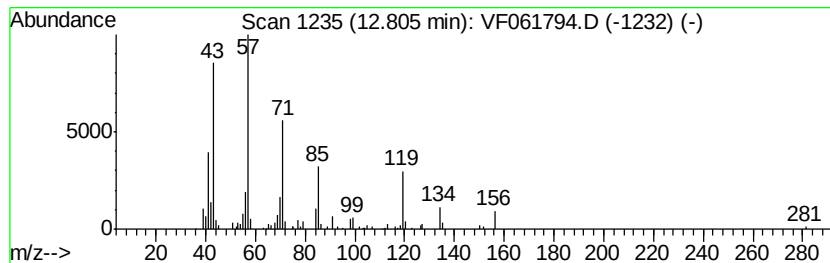
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	8.34 ug/l	172211	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	89
2	Tetradecane	198 C14H30	000629-59-4	58
3	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	58
4	Decane	142 C10H22	000124-18-5	53
5	Tridecane	184 C13H28	000629-50-5	53



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ClientSampled :
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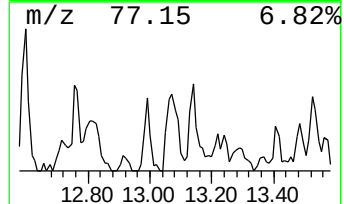
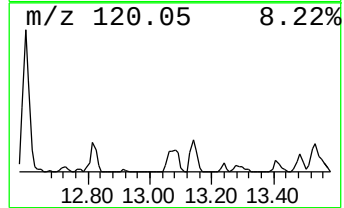
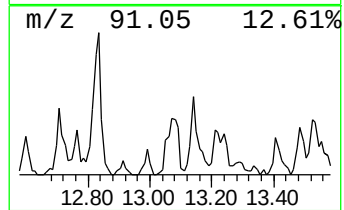
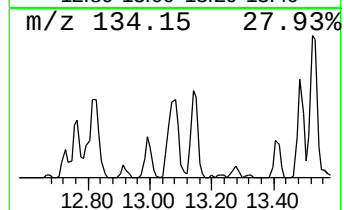
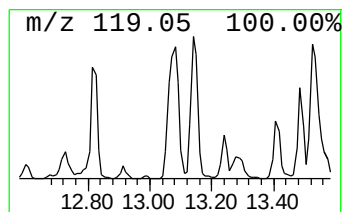
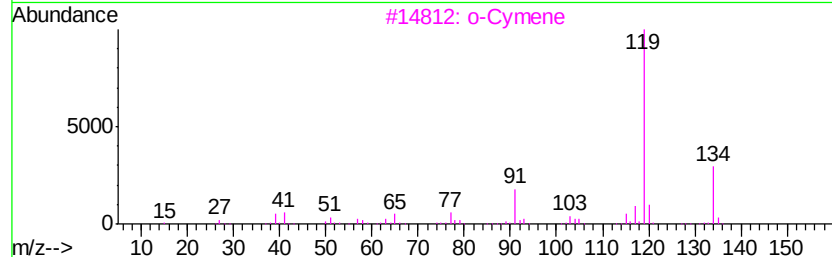
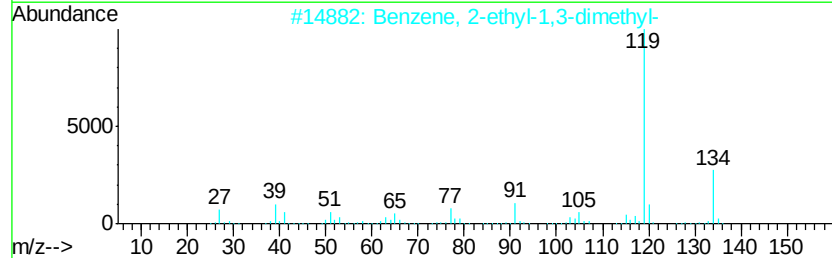
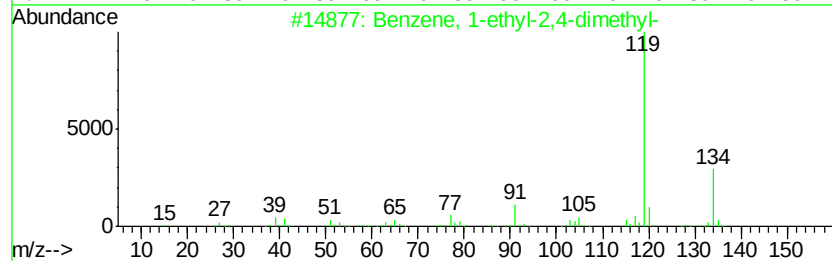
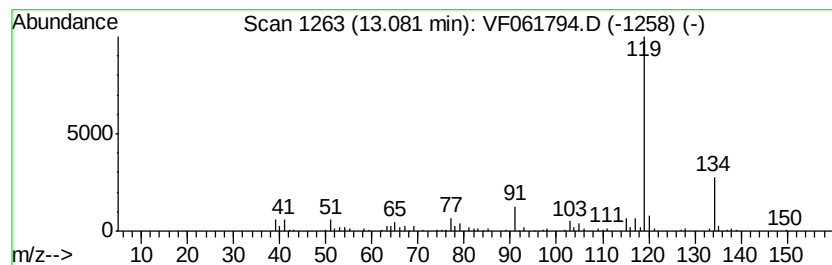
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	6.02 ug/l	124215	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061794.D
Acq On : 28 Feb 2019 18:21
Operator : VA/AP
Sample : K1349-15
Misc : 7.62g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-022719-B

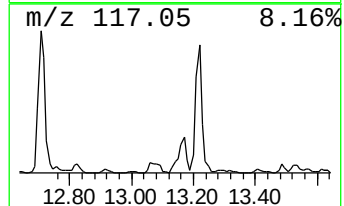
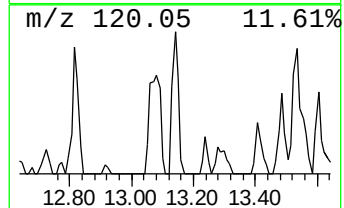
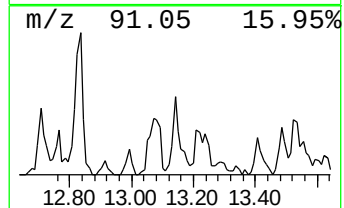
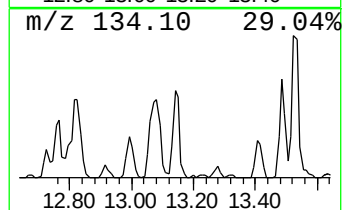
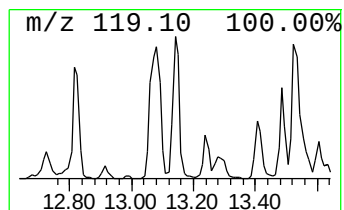
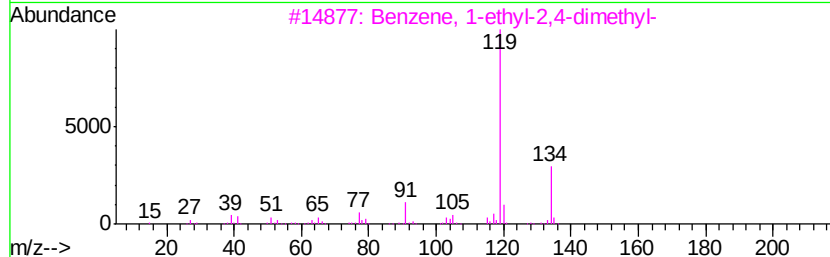
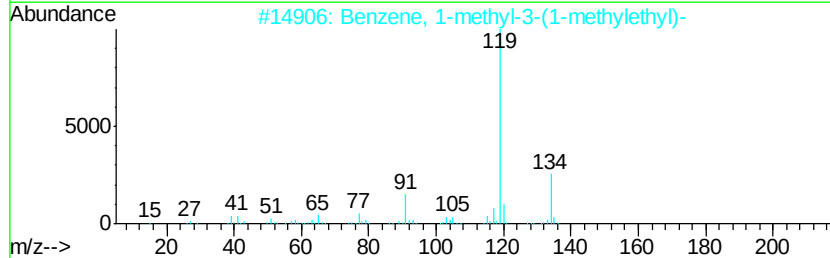
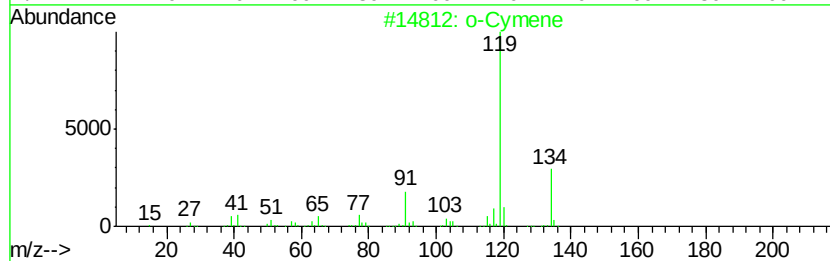
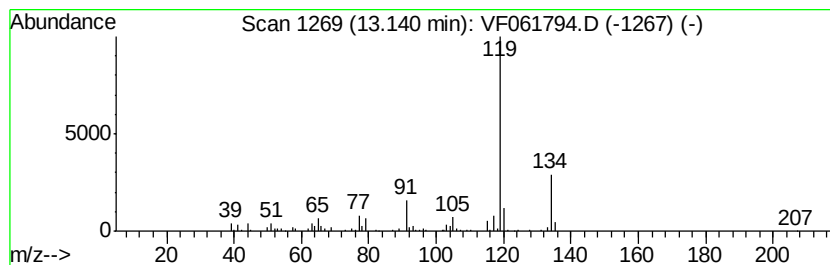
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Quant Title : SW846 8260

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

Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.30 ug/l	109434	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061794.D
Acq On : 28 Feb 2019 18:21
Operator : VA/AP
Sample : K1349-15
Misc : 7.62g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-022719-B

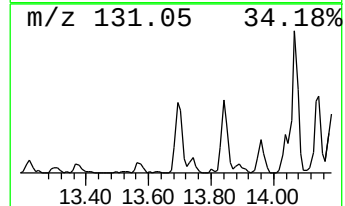
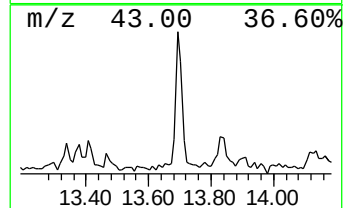
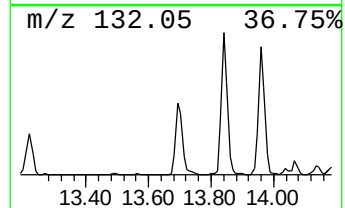
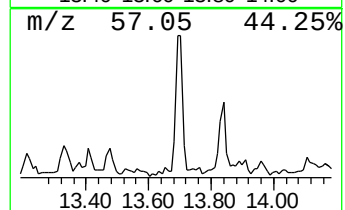
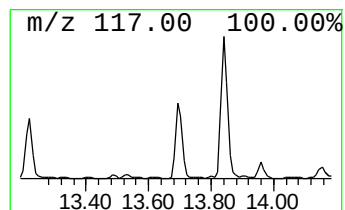
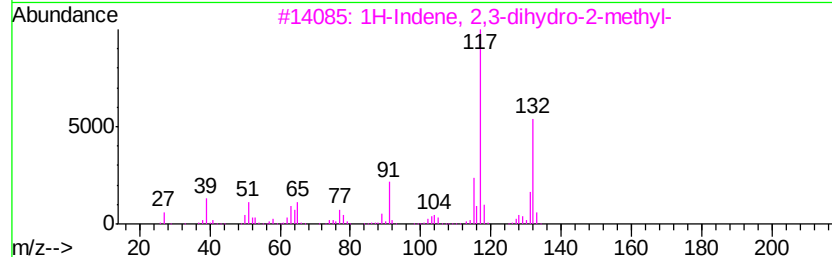
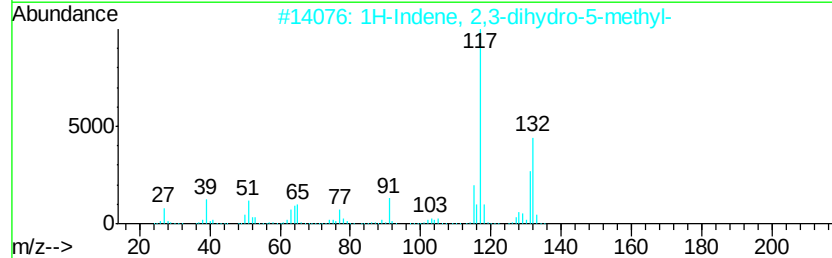
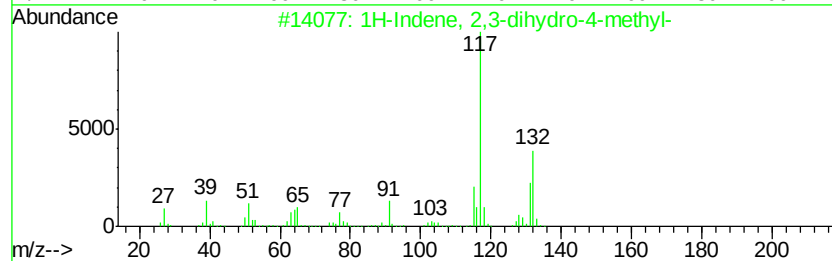
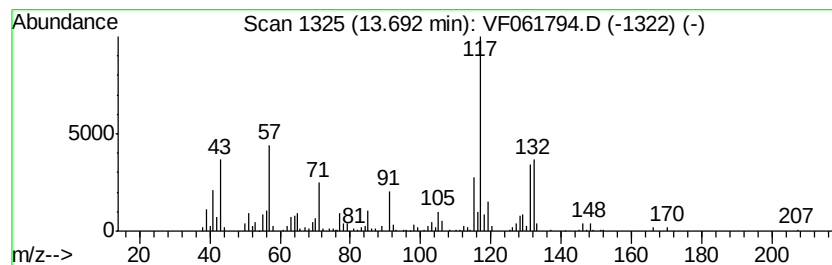
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	10.53 ug/l	217421	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
3		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061794.D
Acq On : 28 Feb 2019 18:21
Operator : VA/AP
Sample : K1349-15
Misc : 7.62g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-022719-B

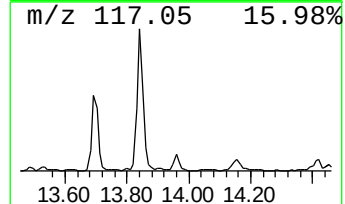
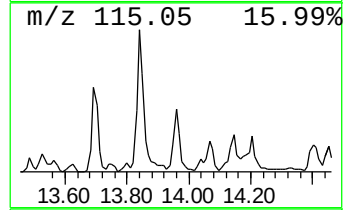
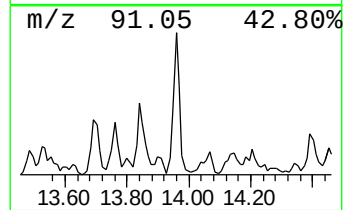
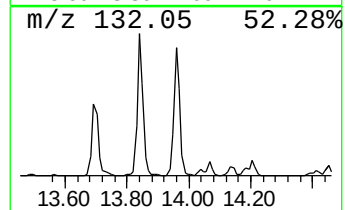
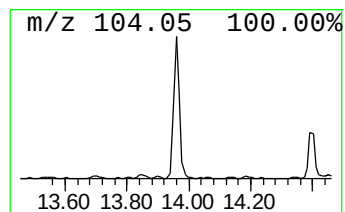
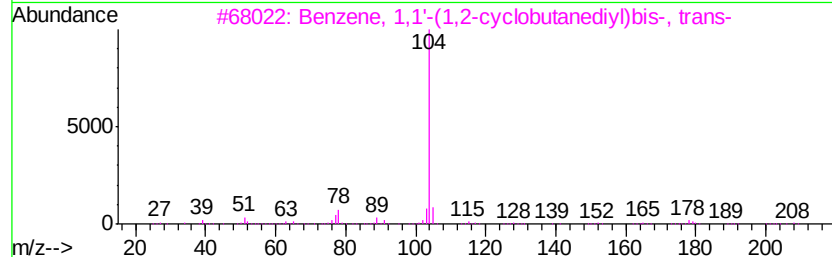
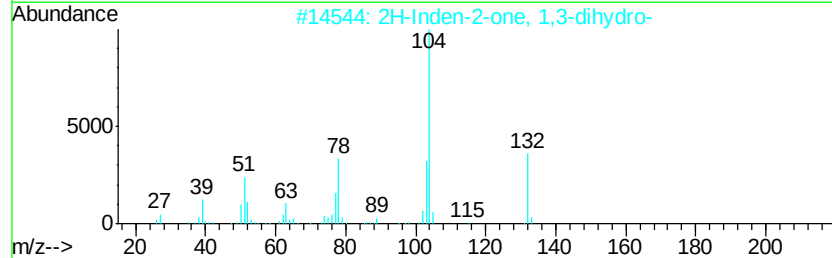
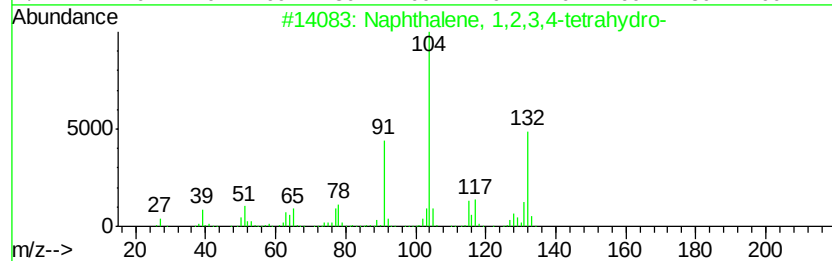
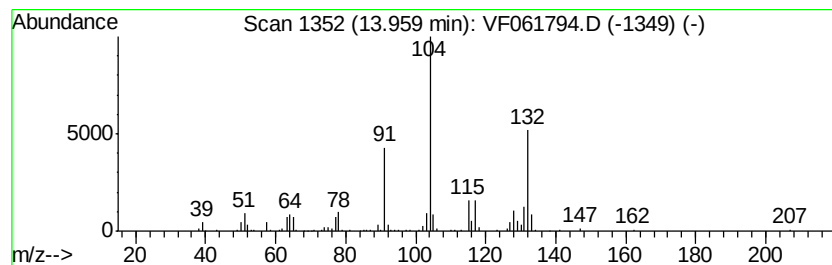
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.50 ug/l	134115	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	53
3		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	38
4		Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	35
5		1,2,3,4-Tetrahydro-3-isoquinolin...	177	C10H11NO2	035186-99-3	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061794.D
Acq On : 28 Feb 2019 18:21
Operator : VA/AP
Sample : K1349-15
Misc : 7.62g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-022719-B

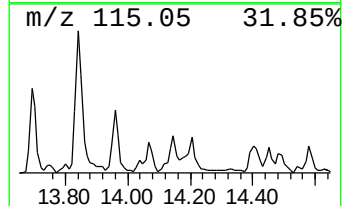
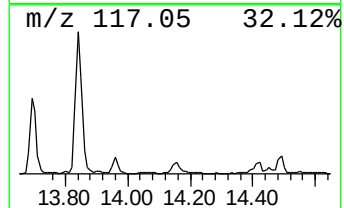
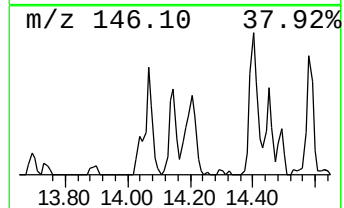
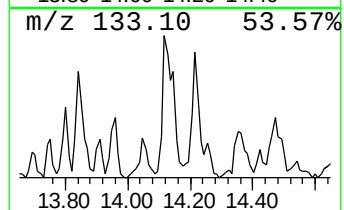
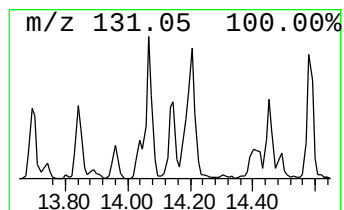
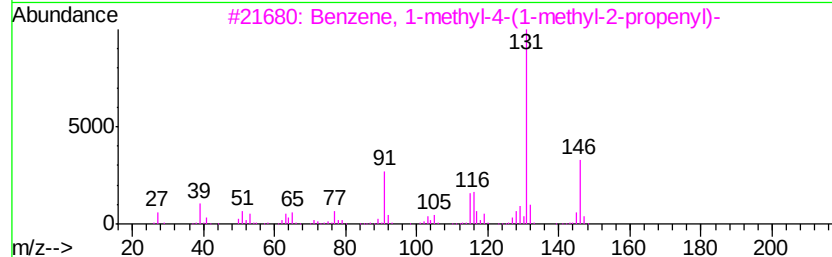
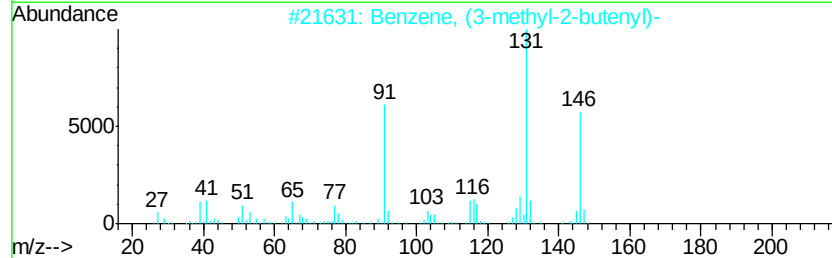
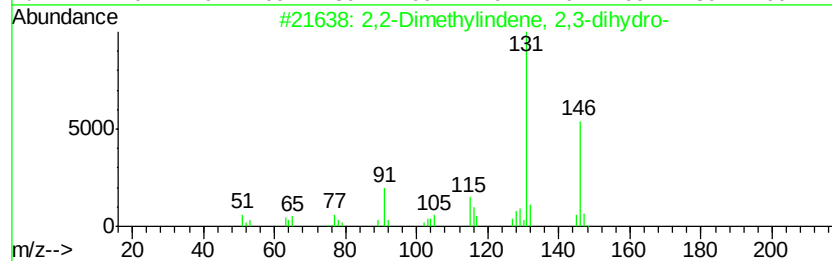
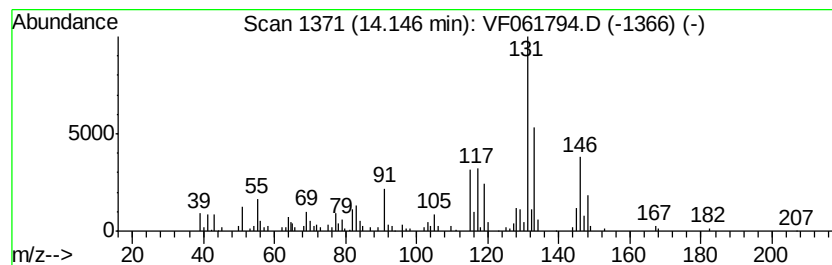
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Quant Title : SW846 8260

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

Peak Number 9 2,2-Dimethylindene, 2,3-dih... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	5.34 ug/l	110273	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061794.D
Acq On : 28 Feb 2019 18:21
Operator : VA/AP
Sample : K1349-15
Misc : 7.62g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-022719-B

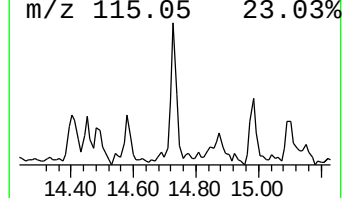
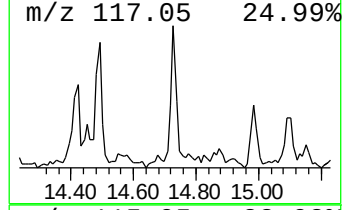
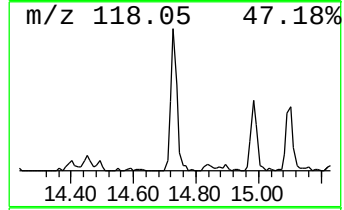
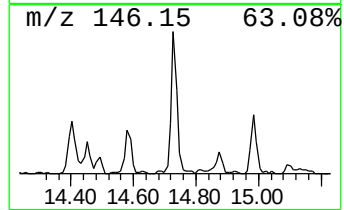
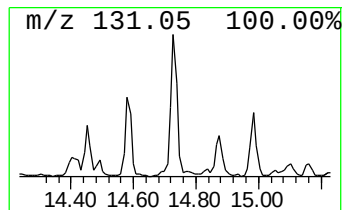
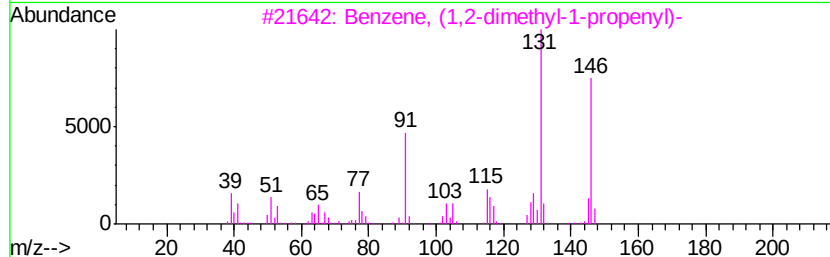
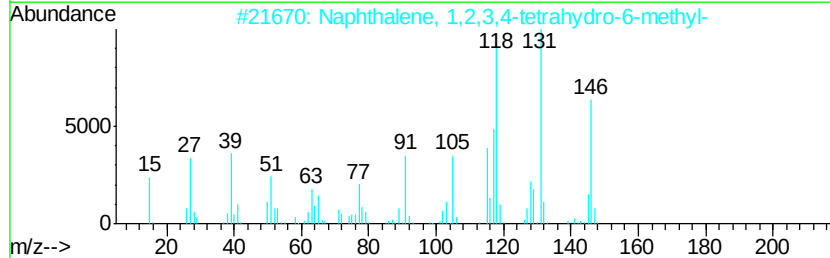
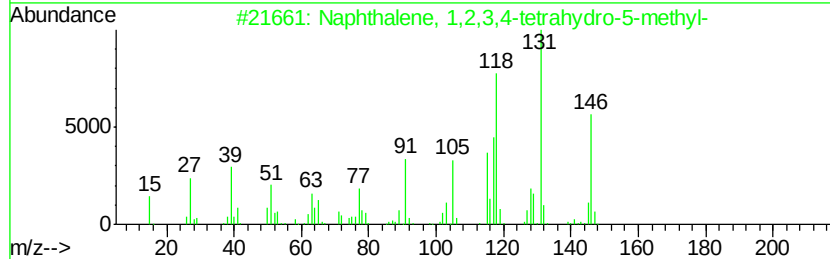
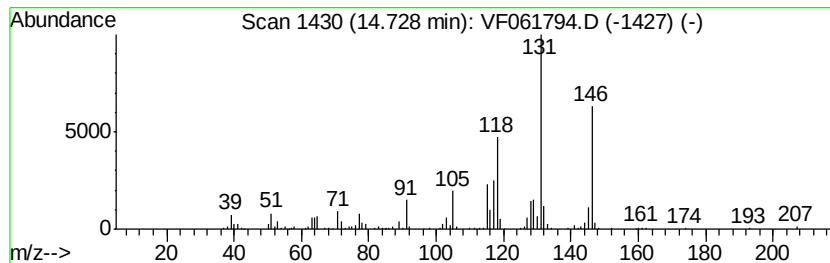
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.17 ug/l	147974	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022819\
Data File : VF061794.D
Acq On : 28 Feb 2019 18:21
Operator : VA/AP
Sample : K1349-15
Misc : 7.62g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-022719-B

Quant Method : Z:\VOASRV\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
Silanol, trimethyl-	4.01	6.9	ug/l	161487	1	4.86	1172260	50.0
Disiloxane, hexam...	4.40	8.1	ug/l	188662	1	4.86	1172260	50.0
Undecane	12.80	8.3	ug/l	172211	4	12.54	1031920	50.0
Benzene, 1-ethyl-...	13.08	6.0	ug/l	124215	4	12.54	1031920	50.0
o-Cymene	13.14	5.3	ug/l	109434	4	12.54	1031920	50.0
1H-Indene, 2,3-di...	13.69	10.5	ug/l	217421	4	12.54	1031920	50.0
Naphthalene, 1,2,...	13.96	6.5	ug/l	134115	4	12.54	1031920	50.0
2,2-Dimethylinden...	14.15	5.3	ug/l	110273	4	12.54	1031920	50.0
Naphthalene, 1,2,...	14.73	7.2	ug/l	147974	4	12.54	1031920	50.0