

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058307.D
 Acq On : 22 Jun 2018 20:15
 Operator : VA/AP
 Sample : J3663-10
 Misc : 5.41g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-23-25-180618

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_D\METHOD\82D061918S.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	1.207	93	100	103	rBV	1583879	3687838	60.30%	6.720%
2	1.266	103	106	129	rVB	2122777	6115939	100.00%	11.144%
3	3.058	284	288	299	rVB3	39576	96773	1.58%	0.176%
4	4.800	458	465	468	rBV3	31123	97364	1.59%	0.177%
5	5.538	530	540	545	rBV	465377	1219402	19.94%	2.222%
6	5.637	545	550	560	rVB	624275	1774336	29.01%	3.233%
7	6.011	581	588	601	rBV	369869	957170	15.65%	1.744%
8	6.198	601	607	616	rVB2	29960	106440	1.74%	0.194%
9	6.680	650	656	666	rBV	823567	2059218	33.67%	3.752%
10	6.976	678	686	693	rVB2	54472	140242	2.29%	0.256%
11	7.891	774	779	786	rVB	33720	96026	1.57%	0.175%
12	8.068	791	797	804	rVV2	41911	123906	2.03%	0.226%
13	8.698	856	861	869	rVB	1059858	2464385	40.29%	4.491%
14	9.456	932	938	947	rBV5	17509	68676	1.12%	0.125%
15	10.185	1008	1012	1018	rVV	26002	64491	1.05%	0.118%
16	10.687	1058	1063	1074	rBV	1260369	2501485	40.90%	4.558%
17	10.982	1087	1093	1097	rBV	67831	177530	2.90%	0.323%
18	11.100	1101	1105	1107	rBV	37080	63901	1.04%	0.116%
19	11.199	1112	1115	1121	rBV2	47237	107254	1.75%	0.195%
20	11.346	1126	1130	1133	rBV3	181504	373360	6.10%	0.680%
21	11.396	1133	1135	1139	rVB2	114396	188398	3.08%	0.343%
22	11.455	1139	1141	1145	rVB	88314	147968	2.42%	0.270%
23	11.553	1145	1151	1153	rBV4	92721	202915	3.32%	0.370%
24	11.642	1153	1160	1162	rBV4	86908	236987	3.87%	0.432%
25	11.691	1162	1165	1166	rBV2	134747	225220	3.68%	0.410%
26	11.721	1166	1168	1176	rVB4	255501	599862	9.81%	1.093%
27	11.839	1176	1180	1183	rBV	342467	638324	10.44%	1.163%
28	11.927	1186	1189	1192	rVB	1298081	1691088	27.65%	3.081%
29	11.977	1192	1194	1196	rBV2	212208	306417	5.01%	0.558%
30	12.016	1196	1198	1200	rVV	120961	124716	2.04%	0.227%
31	12.045	1200	1201	1203	rVB	112355	90147	1.47%	0.164%
32	12.085	1203	1205	1207	rBV2	128664	210450	3.44%	0.383%
33	12.203	1212	1217	1221	rBV4	425517	988826	16.17%	1.802%
34	12.272	1221	1224	1226	rVV	442766	799306	13.07%	1.456%

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35	12.301	1226	1227	1228	rVV	203617	225431	3.69%	0.411%
36	12.341	1228	1231	1234	rVV2	486864	1051699	17.20%	1.916%
37	12.400	1234	1237	1240	rVV3	308631	650450	10.64%	1.185%
38	12.508	1243	1248	1251	rBV3	245314	746754	12.21%	1.361%
39	12.567	1251	1254	1258	rVV4	559509	1521494	24.88%	2.772%
40	12.646	1258	1262	1265	rVV5	433785	1421423	23.24%	2.590%
41	12.685	1265	1266	1268	rVV2	422800	638647	10.44%	1.164%
42	12.735	1268	1271	1274	rVV4	759984	1808730	29.57%	3.296%
43	12.774	1274	1275	1280	rVV	470567	937548	15.33%	1.708%
44	12.863	1280	1284	1286	rVV3	598181	1299852	21.25%	2.369%
45	12.902	1286	1288	1294	rVV	1597220	2925581	47.84%	5.331%
46	12.981	1294	1296	1297	rVV	234159	335560	5.49%	0.611%
47	13.010	1297	1299	1304	rVV3	358267	844724	13.81%	1.539%
48	13.079	1304	1306	1309	rVV2	239768	471295	7.71%	0.859%
49	13.128	1309	1311	1315	rVV2	266175	520596	8.51%	0.949%
50	13.197	1315	1318	1324	rVV6	452730	1303262	21.31%	2.375%
51	13.276	1324	1326	1328	rVV	198038	361202	5.91%	0.658%
52	13.315	1328	1330	1334	rVV4	219972	631737	10.33%	1.151%
53	13.394	1335	1338	1340	rVV3	216112	475312	7.77%	0.866%
54	13.443	1340	1343	1346	rVV3	447710	803190	13.13%	1.464%
55	13.483	1346	1347	1349	rVB	90839	103517	1.69%	0.189%
56	13.532	1349	1352	1356	rBV	1364327	1911435	31.25%	3.483%
57	13.591	1356	1358	1363	rVB5	166630	321311	5.25%	0.585%
58	13.680	1363	1367	1373	rBV	1647468	2513249	41.09%	4.580%
59	13.788	1375	1378	1380	rVB	421674	579125	9.47%	1.055%
60	13.827	1380	1382	1385	rBV3	69518	138573	2.27%	0.253%
61	13.985	1394	1398	1400	rBV4	45448	121368	1.98%	0.221%
62	14.024	1400	1402	1404	rVV	100485	132240	2.16%	0.241%
63	14.073	1404	1407	1408	rVV3	52167	102858	1.68%	0.187%
64	14.103	1408	1410	1412	rVB2	69901	92192	1.51%	0.168%
65	14.162	1412	1416	1418	rBV5	30857	71990	1.18%	0.131%
66	14.211	1418	1421	1425	rVB	386441	579447	9.47%	1.056%
67	14.270	1425	1427	1430	rVB	140144	170602	2.79%	0.311%
68	14.319	1430	1432	1434	rBV	104528	157916	2.58%	0.288%
69	14.536	1452	1454	1458	rVB3	84219	162175	2.65%	0.296%

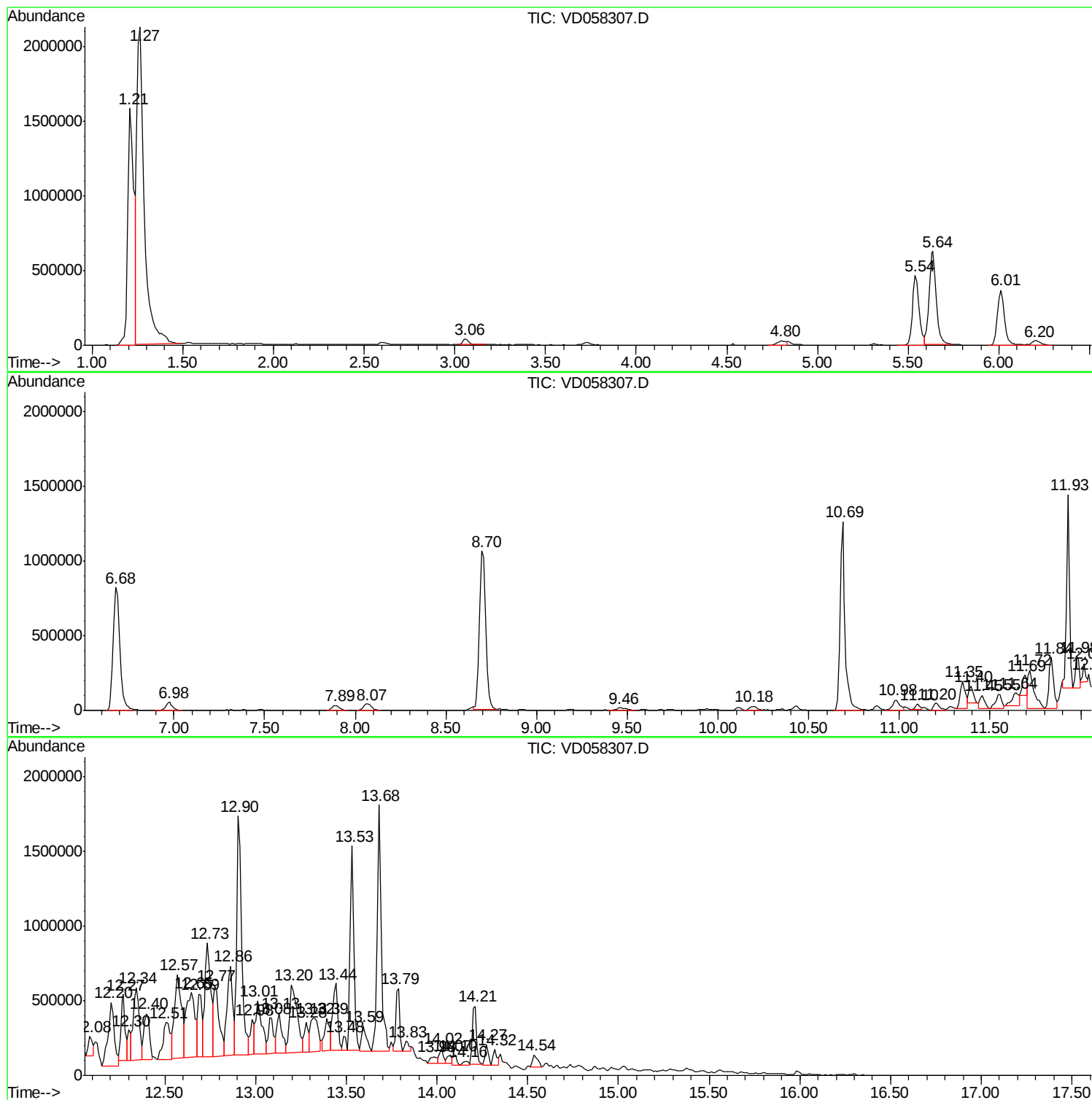
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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



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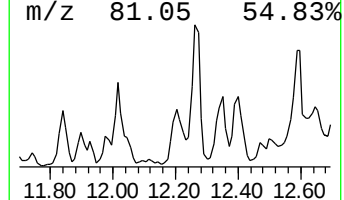
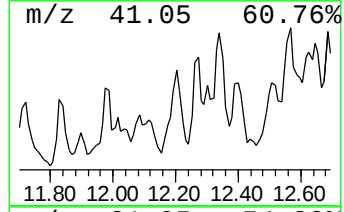
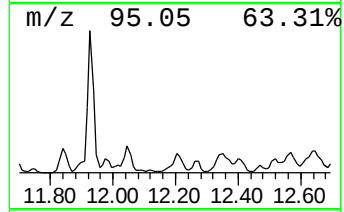
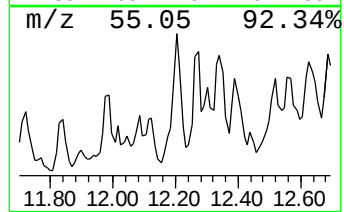
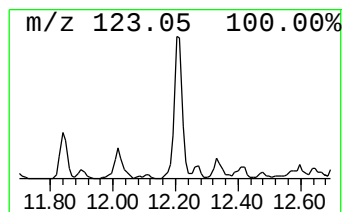
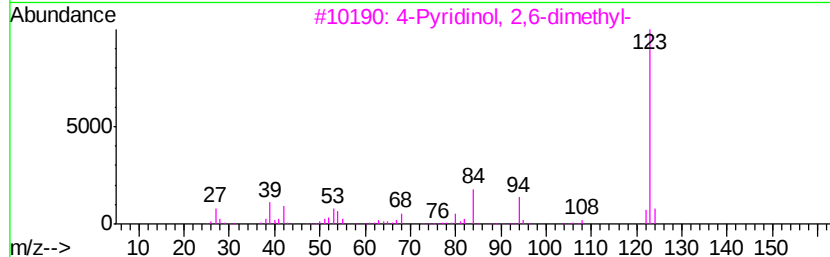
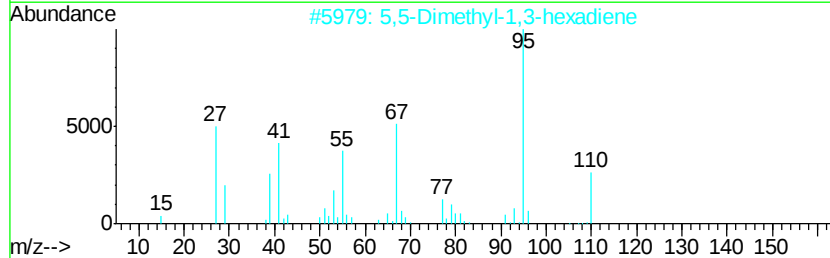
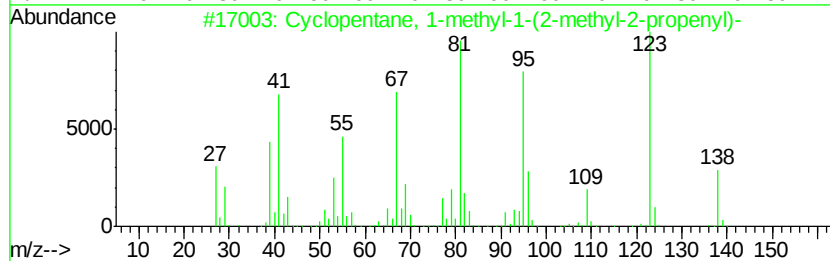
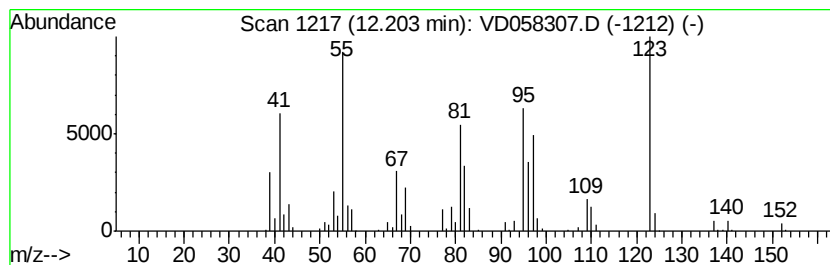
Instrument :
MSVOA_D
ClientSampleID :
WP021SB470-23-25-180618

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclopentane, 1-methyl-1-(2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	16.90 ug/l	988826	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-methyl-1-(2-meth...	138 C10H18	074764-47-9 50
2		5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3 25
3		4-Pyridinol, 2,6-dimethyl-	123 C7H9NO	013603-44-6 22
4		3-Pyridinol, 2,6-dimethyl-	123 C7H9NO	001122-43-6 22
5		Cyclohexane, 1-methyl-4-(1-methy...	140 C10H20	006069-98-3 18



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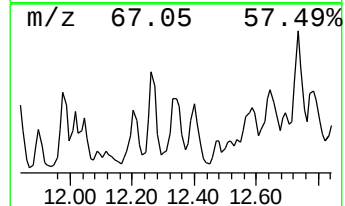
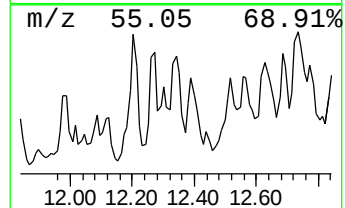
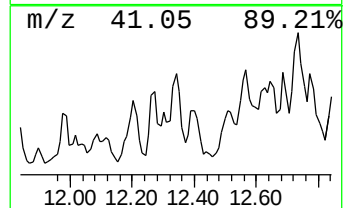
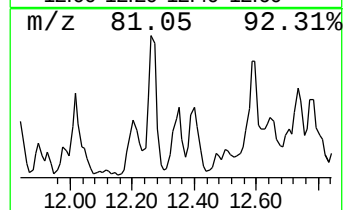
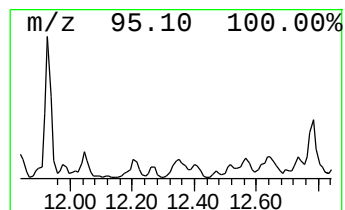
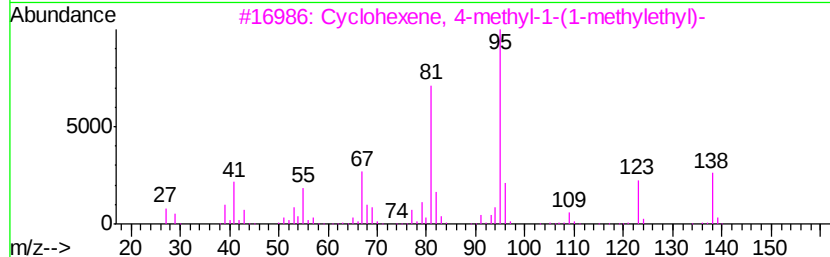
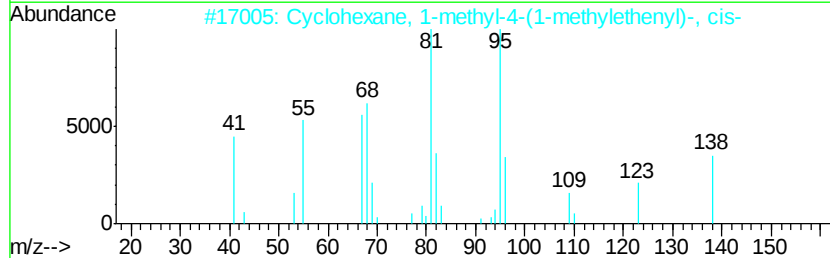
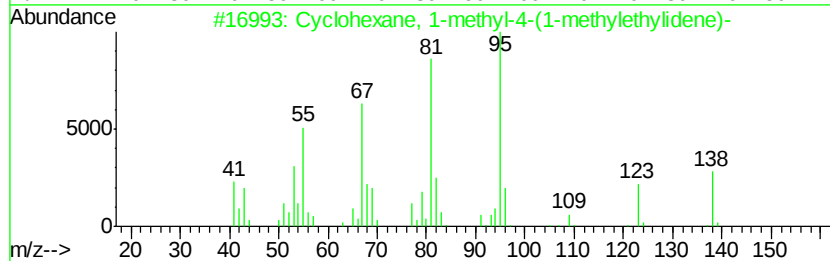
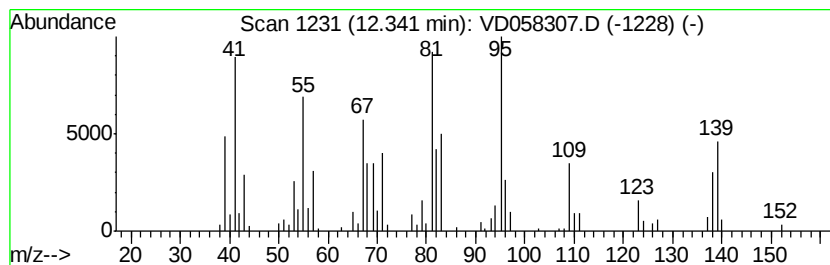
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	17.97 ug/l	1051700	1,4-Dichlorobenzene-d4	12.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethylidene)-	138	C10H18	001124-27-2	60
2		Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethylidene)-	138	C10H18	001879-07-8	52
3		Cyclohexene, 4-methyl-1-(1-methyl-4-(1-methylethylidene)-	138	C10H18	000500-00-5	46
4		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	43
5		3,5-Octadiene, 2,7-dimethyl-, (Z)-	138	C10H18	028980-73-6	38



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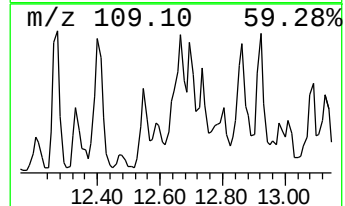
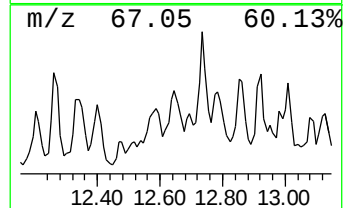
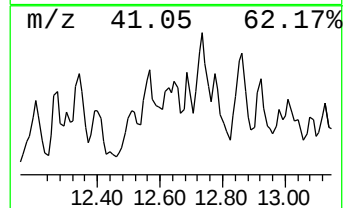
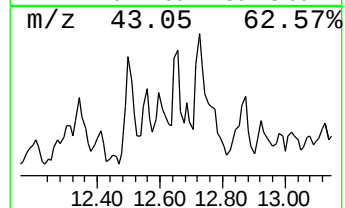
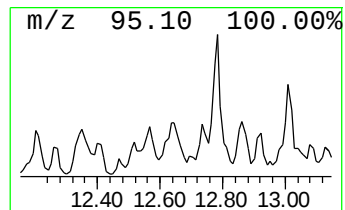
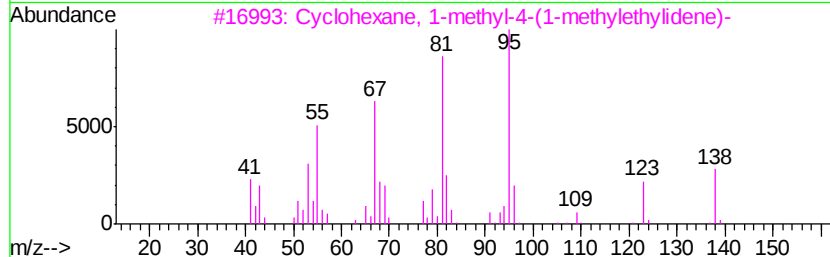
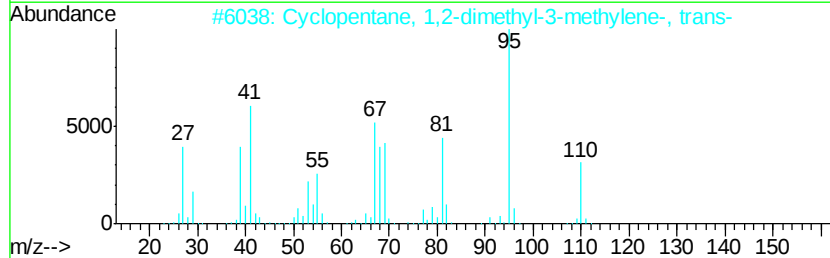
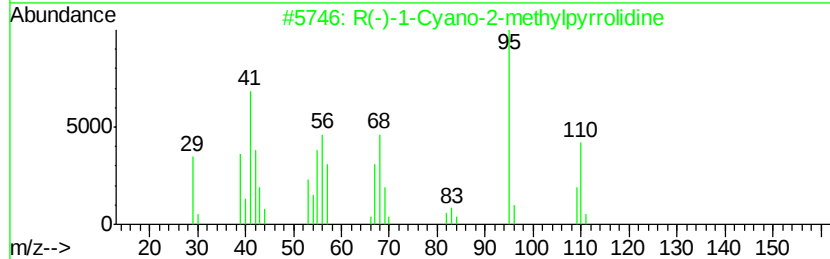
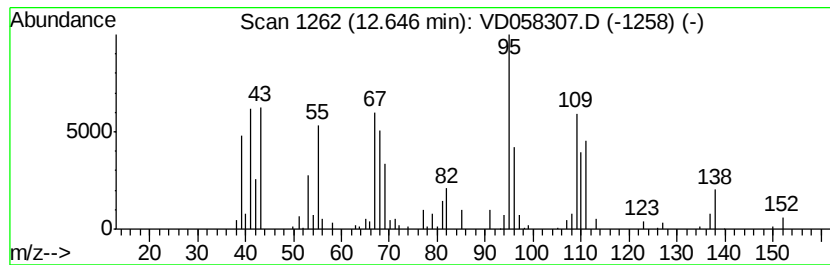
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown12.65 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	24.29 ug/l	1421420	1,4-Dichlorobenzene-d4	12.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	46
2		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	46
3		Cyclohexane, 1-methyl-4-(1-methyl...	138	C10H18	001124-27-2	45
4		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43



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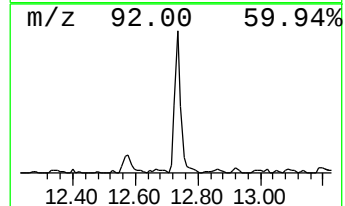
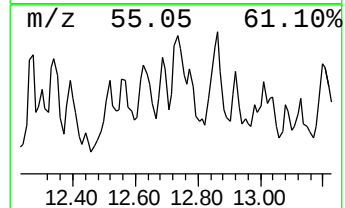
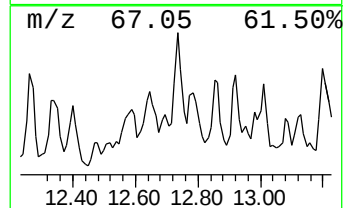
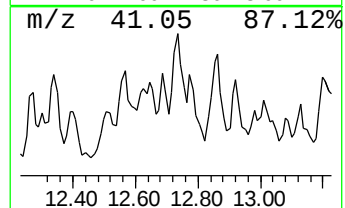
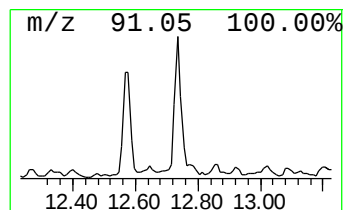
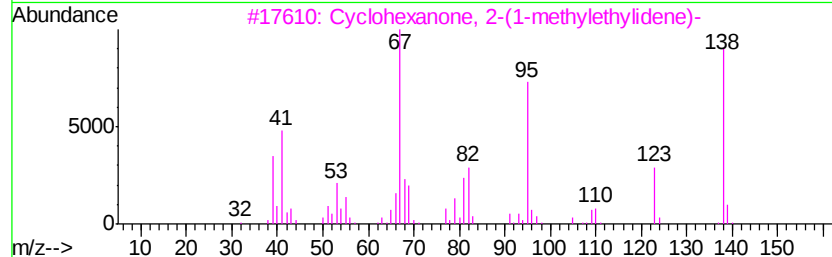
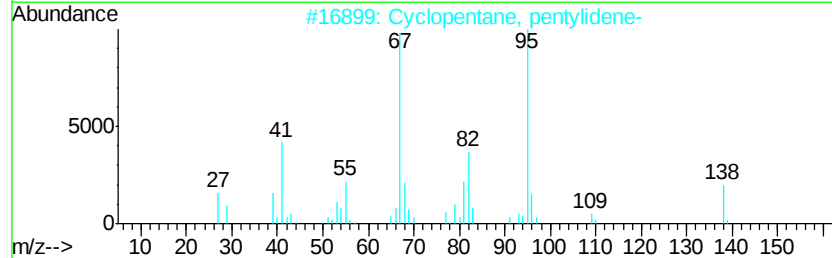
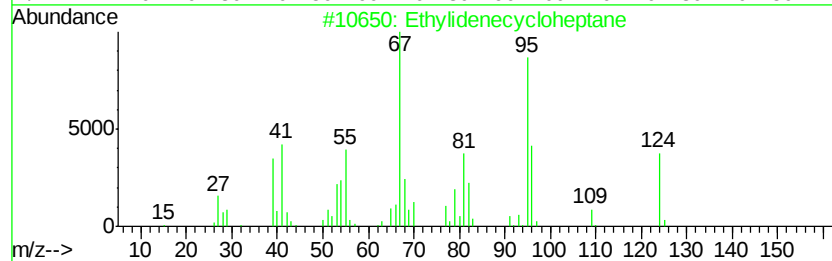
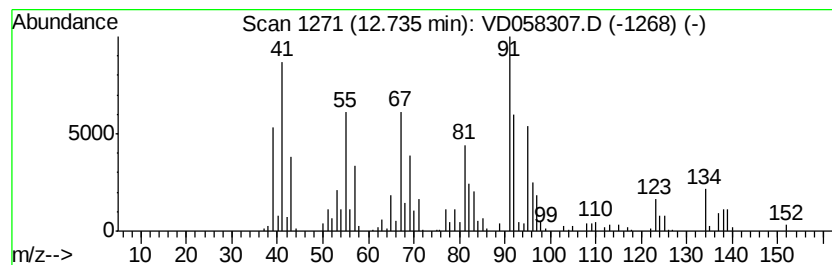
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Quant Title : SW846 8260

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

Peak Number 6 unknown12.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	30.91 ug/l	1808730	1,4-Dichlorobenzene-d4	12.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylidenecycloheptane	124	C9H16	010494-87-8	46
2		Cyclopentane, pentylidene-	138	C10H18	053366-55-5	46
3		Cyclohexanone, 2-(1-methylethyl)-	138	C9H14O	013747-73-4	45
4		Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	41
5		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058307.D
Acq On : 22 Jun 2018 20:15
Operator : VA/AP
Sample : J3663-10
Misc : 5.41g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

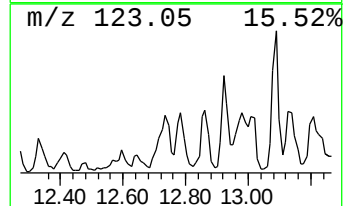
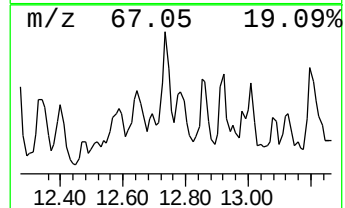
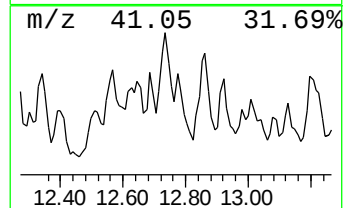
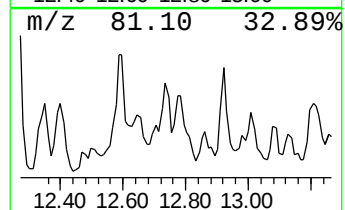
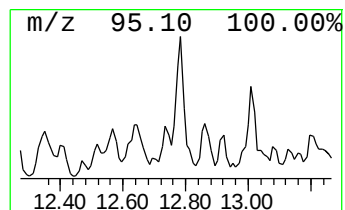
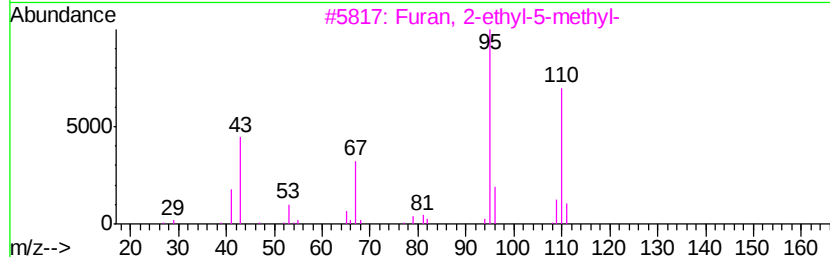
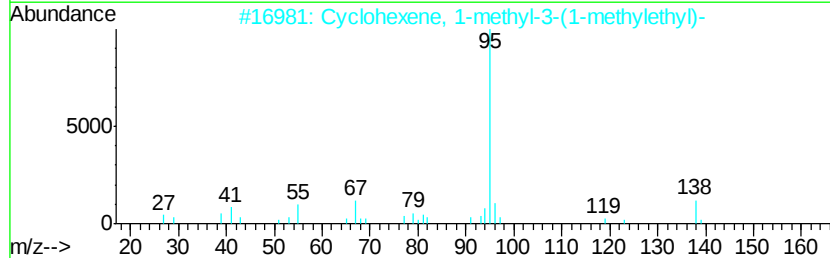
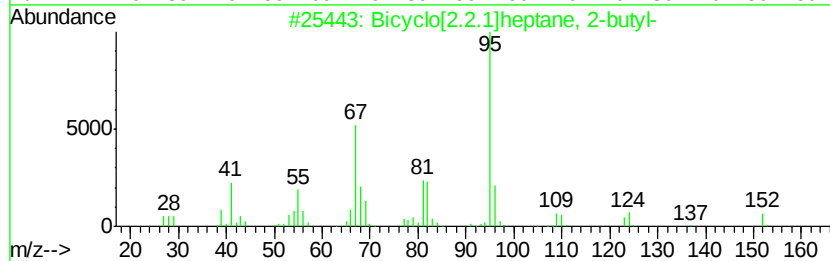
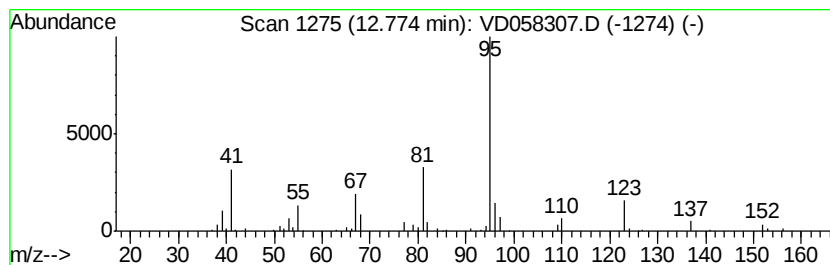
Instrument :
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ClientSampleId :
WP021SB470-23-25-180618

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 7 Bicyclo[2.2.1]heptane, 2-bu... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	16.02 ug/l	937548	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptane, 2-butyl-	152 C11H20	061177-16-0 50
2		Cyclohexene, 1-methyl-3-(1-methyl-...)	138 C10H18	013828-31-4 45
3		Furan, 2-ethyl-5-methyl-	110 C7H10O	001703-52-2 43
4		trans-1-Chloro-2-trimethylsilylo...	220 C10H21ClOSi	1000216-82-3 40
5		Pyrimidine, 4-butyl-3,4-dihydro-...	152 C9H16N2	1000115-50-2 40



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Acq On : 22 Jun 2018 20:15
Operator : VA/AP
Sample : J3663-10
Misc : 5.41g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

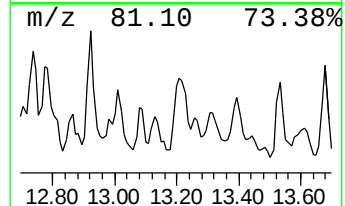
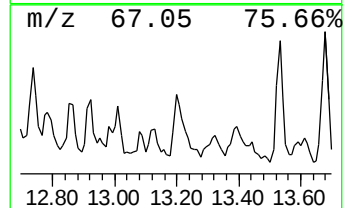
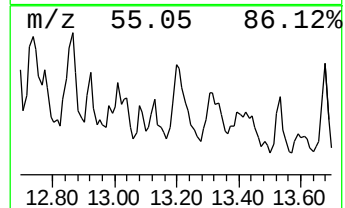
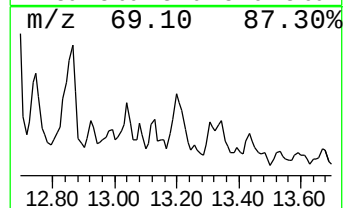
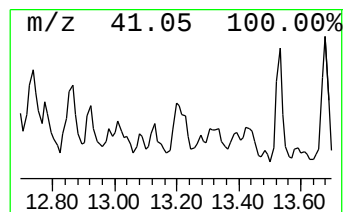
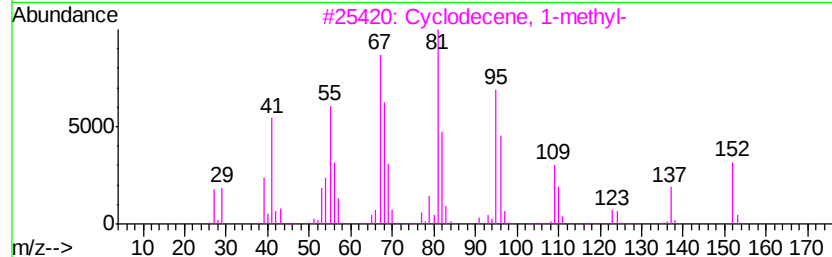
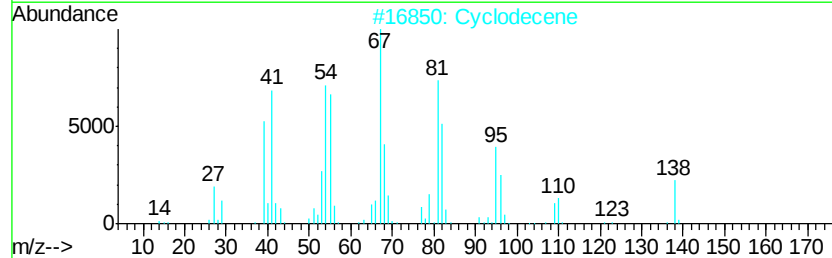
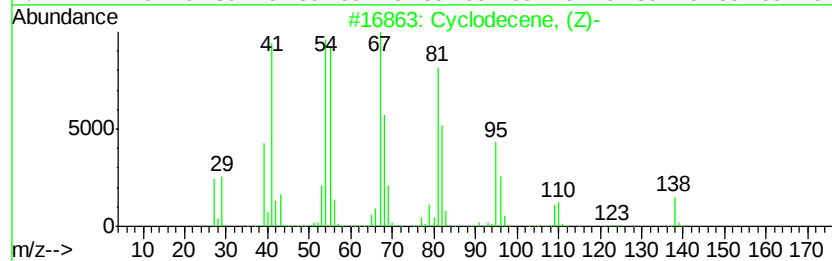
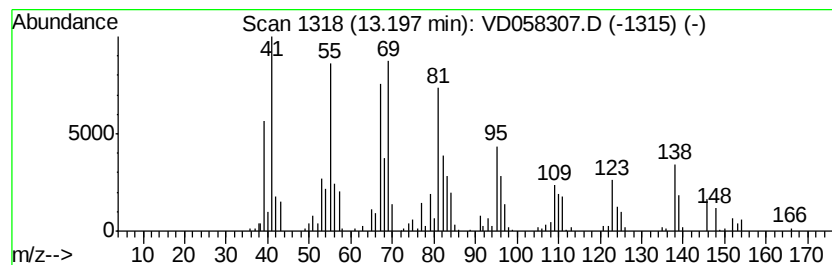
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ClientSampleId :
WP021SB470-23-25-180618

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclodecene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	22.27 ug/l	1303260	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclodecene, (Z)-	138 C10H18	000935-31-9 70
2		Cyclodecene	138 C10H18	003618-12-0 70
3		Cyclodecene, 1-methyl-	152 C11H20	066633-38-3 64
4		Bicyclo[2.2.2]octane, 2-methyl-	124 C9H16	000766-53-0 64
5		Z-1,6-Undecadiene	152 C11H20	1000245-71-1 60



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Data File : VD058307.D
Acq On : 22 Jun 2018 20:15
Operator : VA/AP
Sample : J3663-10
Misc : 5.41g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

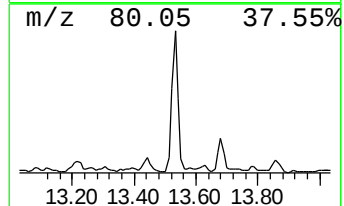
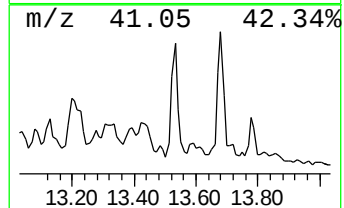
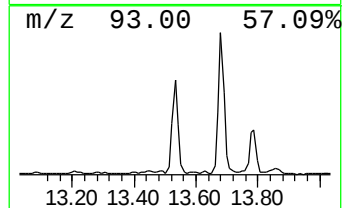
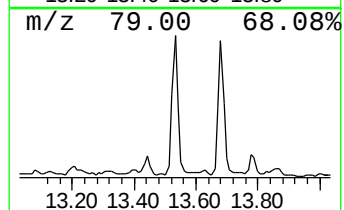
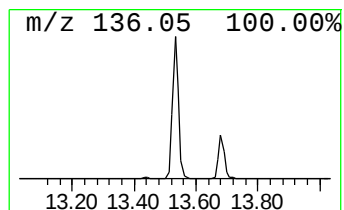
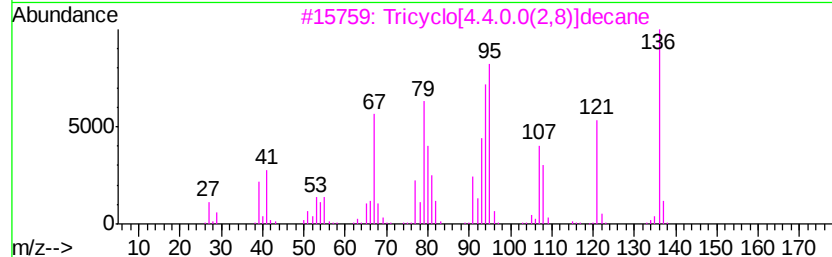
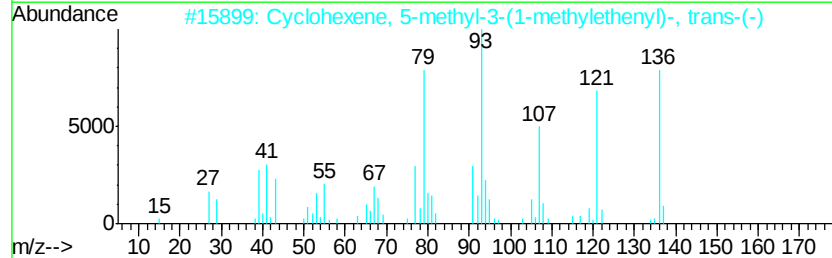
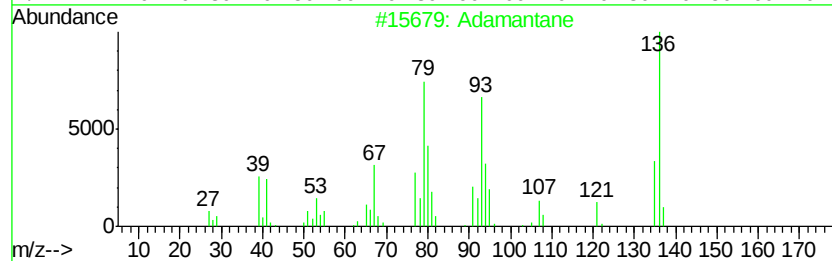
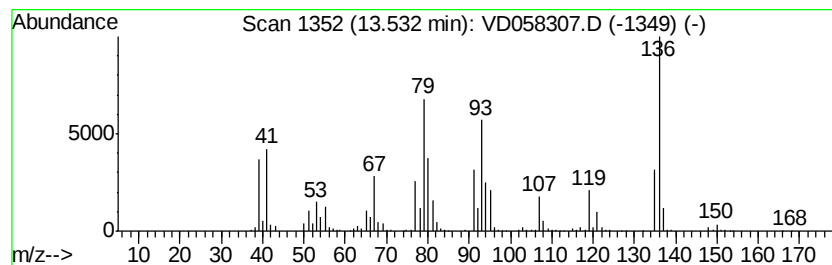
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 9 Adamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	32.67 ug/l	1911440	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 98
2	Cyclohexene, 5-methyl-3-(1-methy...		136 C10H16	056816-08-1 70
3	Tricyclo[4.4.0.0(2,8)]decane		136 C10H16	049700-59-6 62
4	Bicyclo[3.3.1]non-2-en-9-one		136 C9H12O	004844-11-5 53
5	1,3-Cyclohexadiene, 5-butyl-		136 C10H16	030168-57-1 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058307.D
Acq On : 22 Jun 2018 20:15
Operator : VA/AP
Sample : J3663-10
Misc : 5.41g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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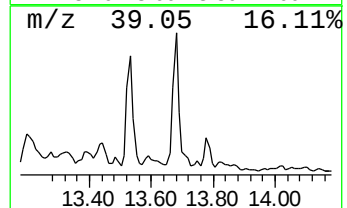
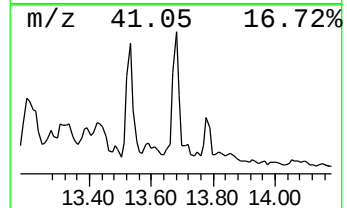
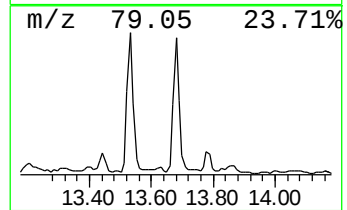
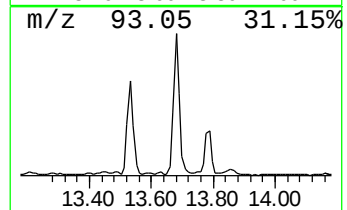
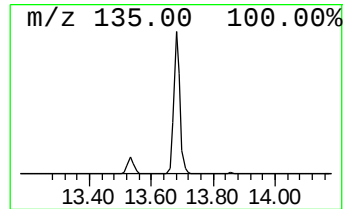
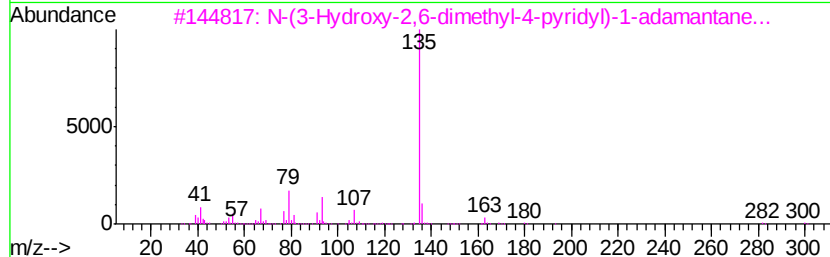
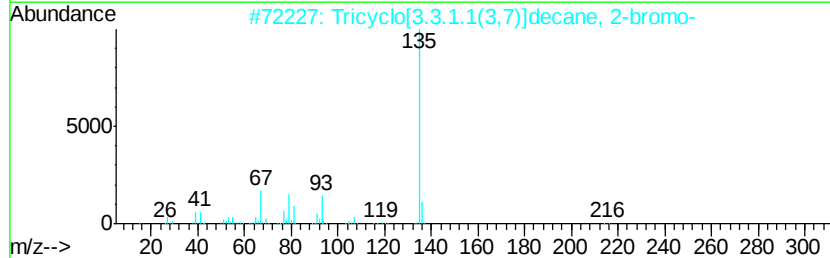
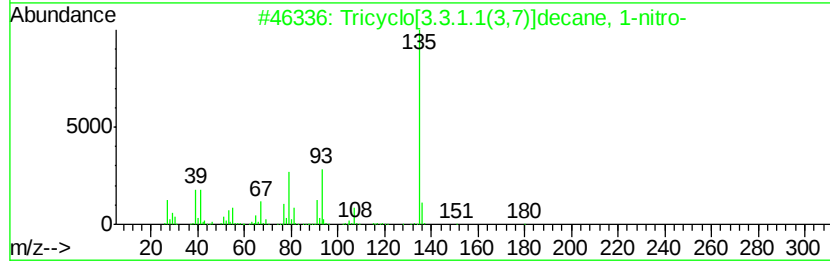
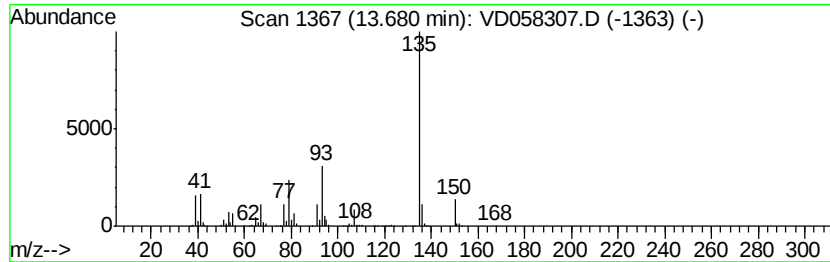
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Quant Title : SW846 8260

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

Peak Number 10 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	42.95 ug/l	2513250	1,4-Dichlorobenzene-d4	12.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	86
2		Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	86
3		N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	80
4		2-[1-(Adamantan-1-ylamino)-2,2,2...	295	C15H16F3N3	1000275-90-9	80
5		1-Bromoadamantane	214	C10H15Br	000768-90-1	80



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Misc : 5.41g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB470-23-25-180618

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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
Cyclopentane, 1-m...	12.20	16.9	ug/l	988826	4	12.90	2925580	50.0
Cyclohexane, 1-me...	12.34	18.0	ug/l	1051700	4	12.90	2925580	50.0
unknown12.65	12.65	24.3	ug/l	1421420	4	12.90	2925580	50.0
unknown12.73	12.73	30.9	ug/l	1808730	4	12.90	2925580	50.0
Bicyclo[2.2.1]hep...	12.77	16.0	ug/l	937548	4	12.90	2925580	50.0
Cyclodecene, (Z)-	13.20	22.3	ug/l	1303260	4	12.90	2925580	50.0
Adamantane	13.53	32.7	ug/l	1911440	4	12.90	2925580	50.0
Tricyclo[3.3.1.1(...	13.68	43.0	ug/l	2513250	4	12.90	2925580	50.0