

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060056.D
 Acq On : 20 Sep 2018 19:04
 Operator : VA/AP
 Sample : J5017-04
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-SW-058

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\82D091318S.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	1.979	45	46	51	rVB	21833	19568	4.74%	0.598%
2	2.097	55	58	60	rBV2	2395	5249	1.27%	0.160%
3	3.120	160	162	165	rBV2	4714	7894	1.91%	0.241%
4	3.268	176	177	182	rBV3	3207	6628	1.60%	0.203%
5	3.425	191	193	196	rBV	3495	4171	1.01%	0.128%
6	3.602	209	211	216	rVB	5527	11085	2.68%	0.339%
7	3.691	216	220	223	rVB3	4210	9888	2.39%	0.302%
8	6.299	480	485	489	rBV	11696	29056	7.03%	0.888%
9	6.387	489	494	500	rVB	17141	40898	9.90%	1.250%
10	6.761	528	532	537	rVB	11774	26705	6.47%	0.816%
11	6.860	537	542	544	rBV3	1579	4142	1.00%	0.127%
12	7.421	594	599	604	rBV	26381	60303	14.60%	1.843%
13	9.438	799	804	808	rBV	30476	60659	14.69%	1.854%
14	9.625	822	823	825	rBV	17805	12428	3.01%	0.380%
15	10.176	872	879	888	rBV	142433	413021	100.00%	12.626%
16	11.268	986	990	996	rVB	48490	76030	18.41%	2.324%
17	12.164	1077	1081	1086	rVB2	1256	4248	1.03%	0.130%
18	12.420	1103	1107	1110	rVB	35134	46053	11.15%	1.408%
19	12.557	1117	1121	1126	rBV	81492	139958	33.89%	4.279%
20	12.744	1137	1140	1144	rBV2	2491	6303	1.53%	0.193%
21	12.823	1145	1148	1151	rVB	2577	4395	1.06%	0.134%
22	13.040	1168	1170	1173	rBV2	4135	7663	1.86%	0.234%
23	13.089	1173	1175	1180	rVB4	4122	9075	2.20%	0.277%
24	13.158	1180	1182	1185	rBV3	1872	4838	1.17%	0.148%
25	13.217	1185	1188	1190	rVV2	5232	9434	2.28%	0.288%
26	13.276	1190	1194	1197	rVV5	5500	13023	3.15%	0.398%
27	13.364	1200	1203	1208	rVV	59467	78379	18.98%	2.396%
28	13.492	1214	1216	1219	rVB3	5602	7181	1.74%	0.220%
29	13.571	1222	1224	1227	rVB	3400	5193	1.26%	0.159%
30	13.620	1227	1229	1230	rBV2	4579	5649	1.37%	0.173%
31	13.669	1230	1234	1236	rBV3	11041	24576	5.95%	0.751%
32	13.719	1236	1239	1240	rBV2	2807	4750	1.15%	0.145%
33	13.778	1242	1245	1248	rVB5	7015	14574	3.53%	0.446%
34	13.866	1249	1254	1259	rBV6	13181	45785	11.09%	1.400%

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Instrument :
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ClientSampleId :
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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
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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

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35	13.955	1259	1263	1268	rBV3	34293	71106	17.22%	2.174%
36	14.063	1270	1274	1278	rBV6	12064	24683	5.98%	0.755%
37	14.122	1278	1280	1281	rBV2	16914	22633	5.48%	0.692%
38	14.152	1281	1283	1286	rVV3	21928	38114	9.23%	1.165%
39	14.221	1289	1290	1291	rBV	4316	4219	1.02%	0.129%
40	14.270	1291	1295	1297	rVB4	16602	28729	6.96%	0.878%
41	14.309	1297	1299	1301	rBV2	22688	36602	8.86%	1.119%
42	14.427	1307	1311	1314	rBV3	34014	91693	22.20%	2.803%
43	14.516	1314	1320	1321	rBV3	49246	117335	28.41%	3.587%
44	14.585	1324	1327	1330	rVB2	77740	113505	27.48%	3.470%
45	14.644	1330	1333	1335	rBV2	67129	117026	28.33%	3.577%
46	14.831	1349	1352	1354	rBV2	41002	73568	17.81%	2.249%
47	14.880	1354	1357	1362	rVV4	111129	185340	44.87%	5.666%
48	14.978	1363	1367	1370	rVV3	120439	190802	46.20%	5.833%
49	15.057	1370	1375	1380	rVV6	85093	247549	59.94%	7.568%
50	15.126	1380	1382	1384	rVV2	51825	70845	17.15%	2.166%
51	15.195	1387	1389	1390	rBV2	47060	65102	15.76%	1.990%
52	15.254	1393	1395	1399	rVV3	140614	207915	50.34%	6.356%
53	15.323	1399	1402	1404	rVB3	49925	86758	21.01%	2.652%
54	15.460	1414	1416	1419	rBV3	37047	56836	13.76%	1.737%
55	15.549	1423	1425	1426	rBV2	24500	30480	7.38%	0.932%
56	15.677	1435	1438	1443	rBV6	40939	71133	17.22%	2.175%
57	15.893	1458	1460	1464	rVB4	40518	62522	15.14%	1.911%
58	16.031	1472	1474	1476	rVB3	20440	24382	5.90%	0.745%
59	16.592	1529	1531	1534	rVB3	7839	13498	3.27%	0.413%

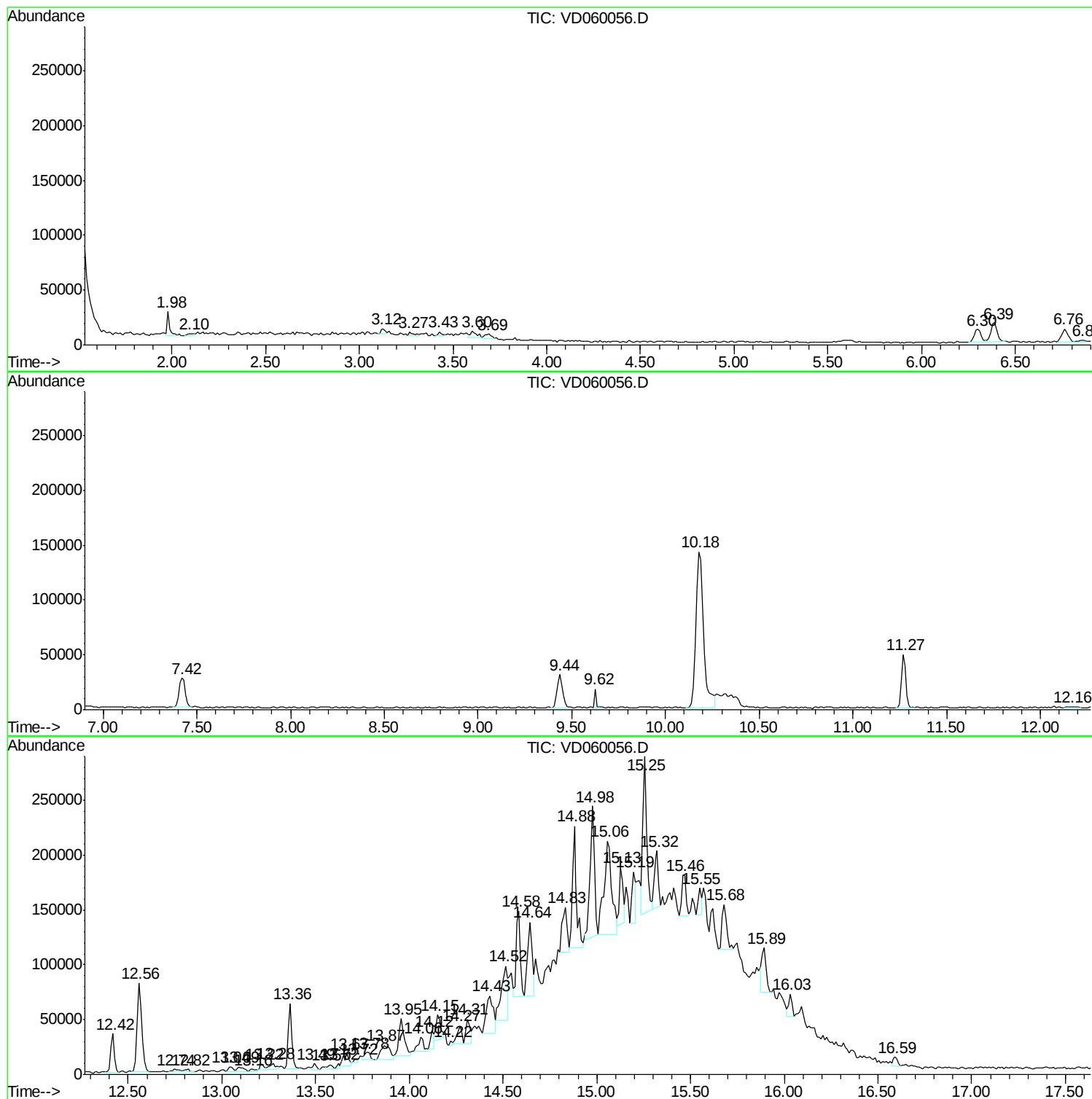
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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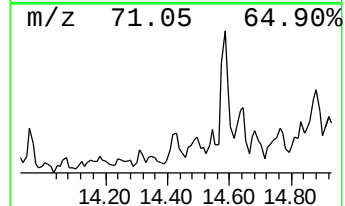
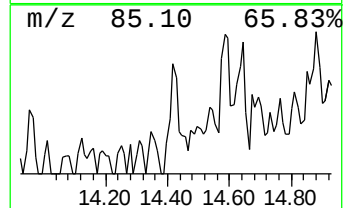
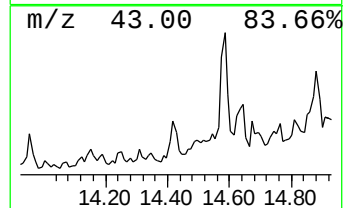
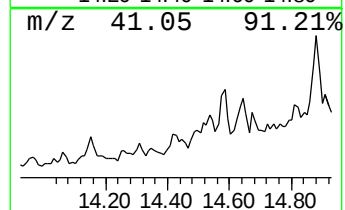
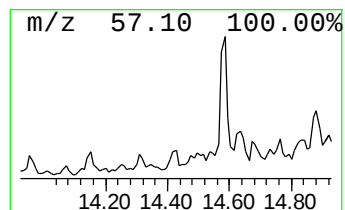
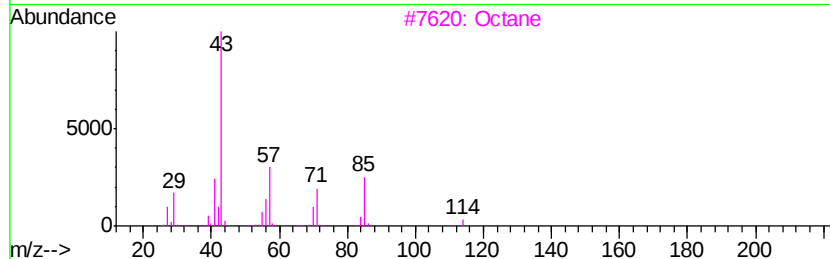
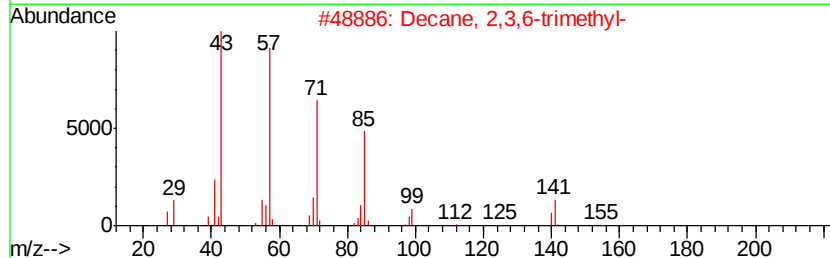
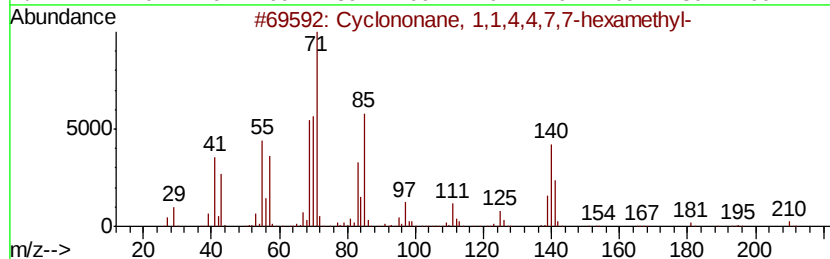
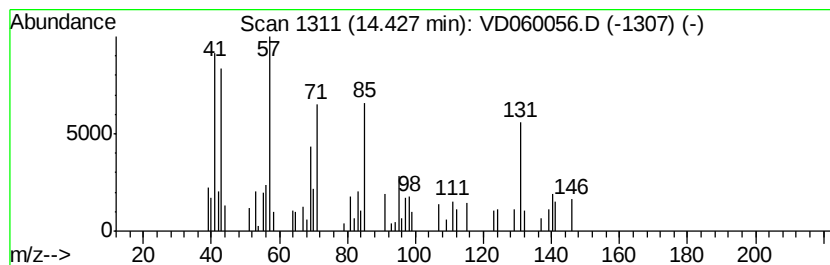
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown14.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	58.49 ug/l	91693	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclononane, 1,1,4,4,7,7-hexamet...	210 C15H30	149331-19-1 35
2		Decane, 2,3,6-trimethyl-	184 C13H28	062238-12-4 35
3		Octane	114 C8H18	000111-65-9 27
4		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 27
5		Oxalic acid, isobutyl nonyl ester	272 C15H28O4	1000309-37-4 27



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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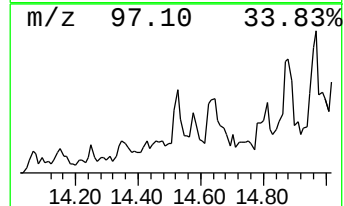
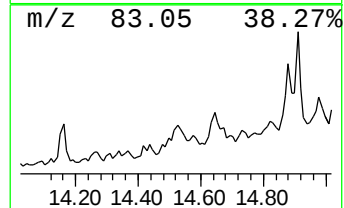
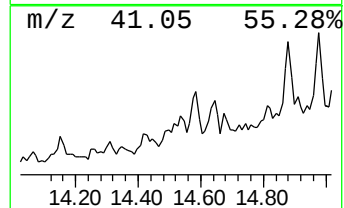
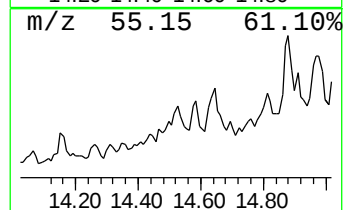
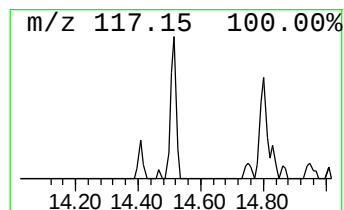
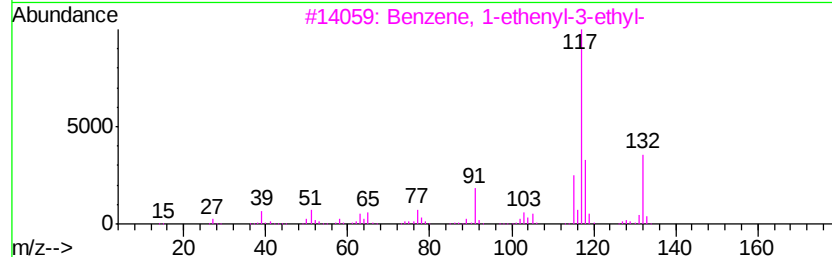
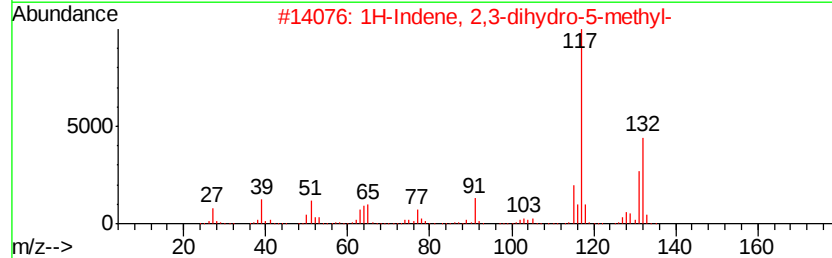
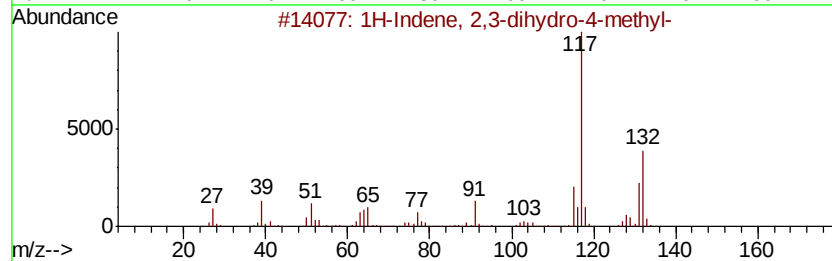
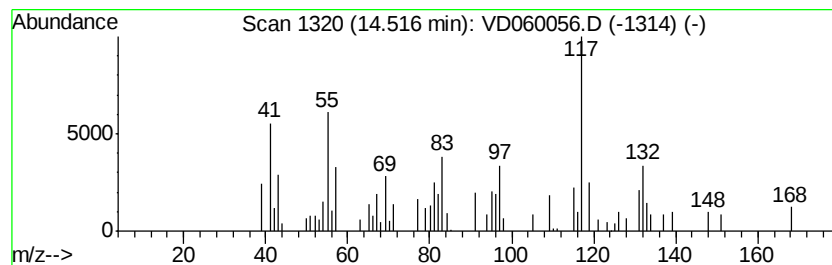
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.52 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	74.85 ug/l	117335	1,4-Dichlorobenzene-d4	13.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	38
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	38
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	30
4		Indan, 1-methyl-	132	C10H12	000767-58-8	30
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092018\
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Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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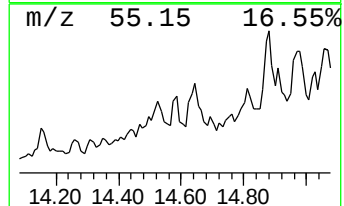
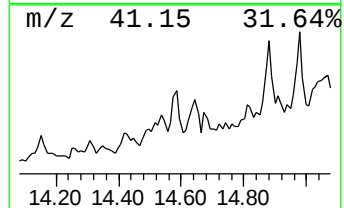
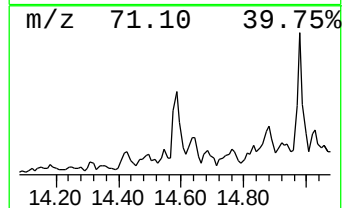
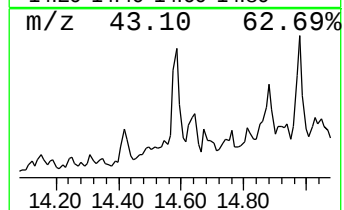
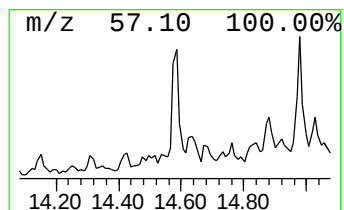
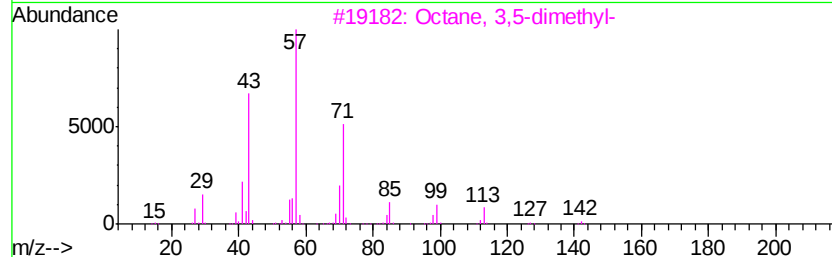
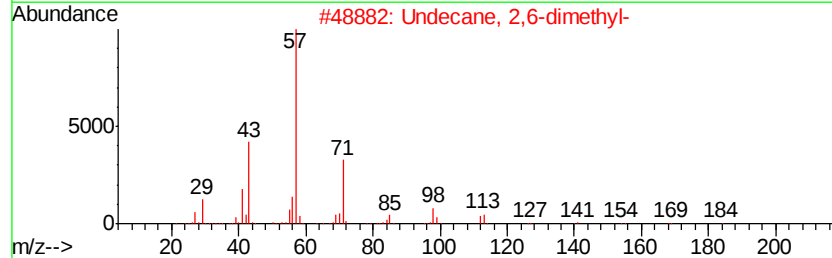
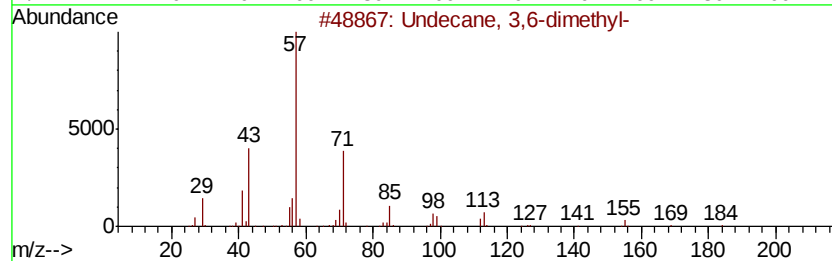
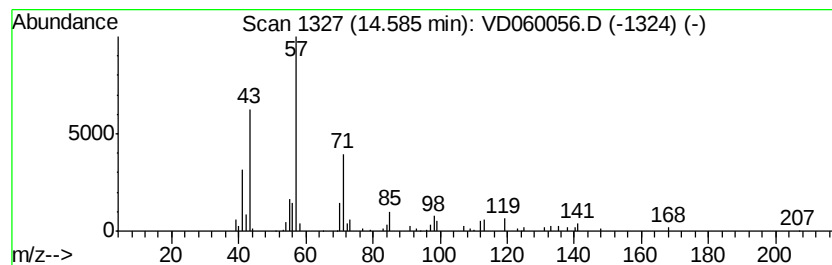
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	72.41 ug/l	113505	1,4-Dichlorobenzene-d4	13.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	72
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	64
3	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	59
4	Hexadecane, 2,6,11,15-tetramethyl-		282	C20H42	000504-44-9	59
5	Sulfurous acid, 2-ethylhexyl und...		348	C19H40O3S	1000309-19-4	59



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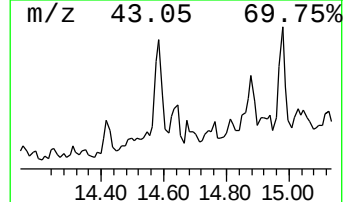
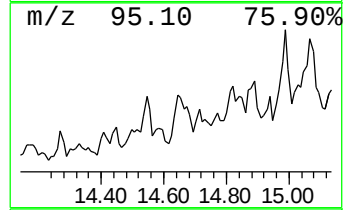
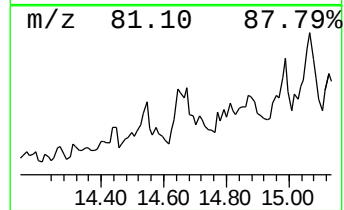
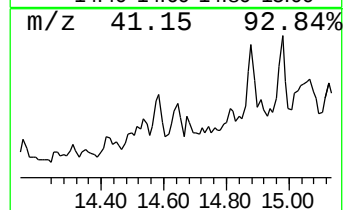
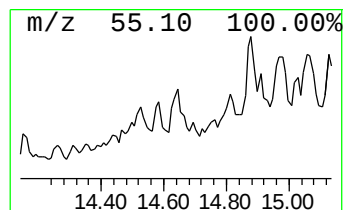
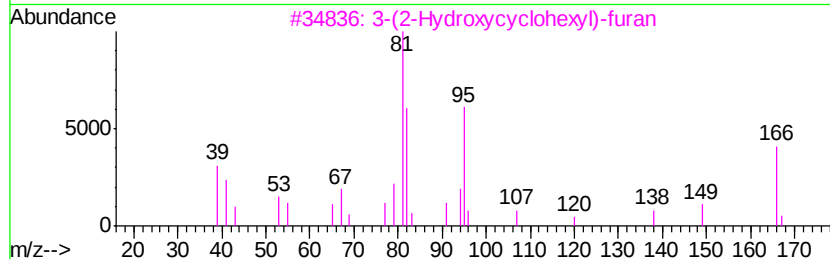
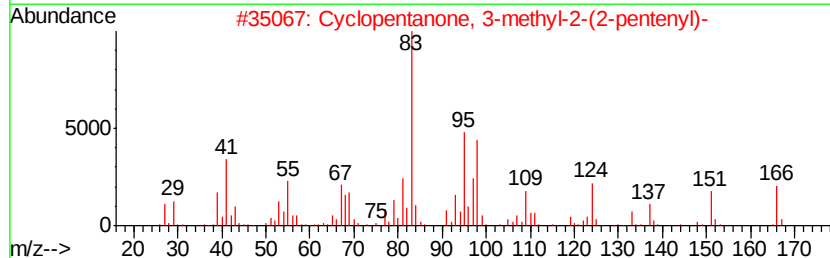
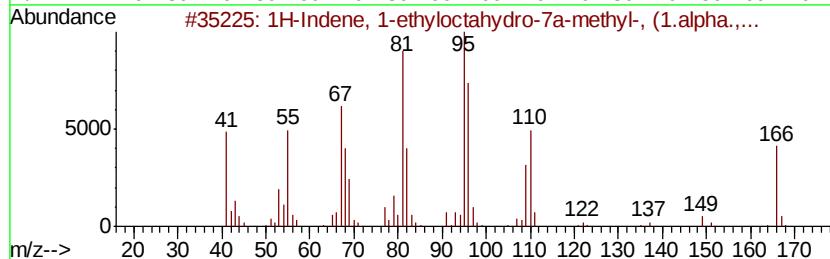
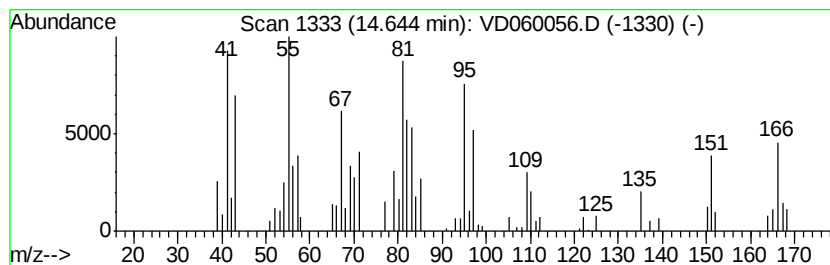
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown14.64 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	74.65 ug/l	117026	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 1-ethyloctahydro-7a-m...	166 C12H22	056324-71-1 46
2		Cyclopentanone, 3-methyl-2-(2-pe...	166 C11H18O	007051-39-0 46
3		3-(2-Hydroxycyclohexyl)-furan	166 C10H14O2	118959-04-9 43
4		Cyclohexene, 1,2-dimethyl-	110 C8H14	001674-10-8 38
5		Bicyclo[2.2.1]heptan-2-one, 1,3,...	166 C11H18O	005811-48-3 38



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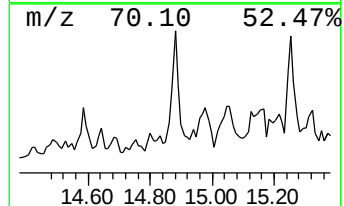
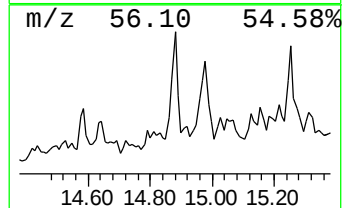
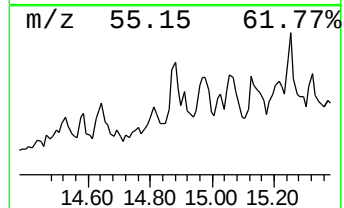
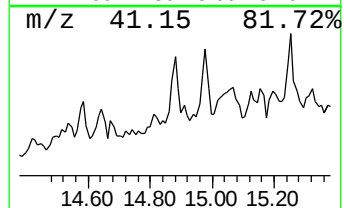
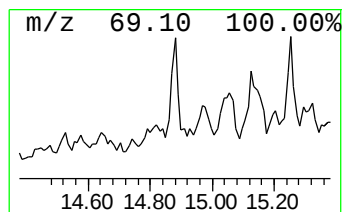
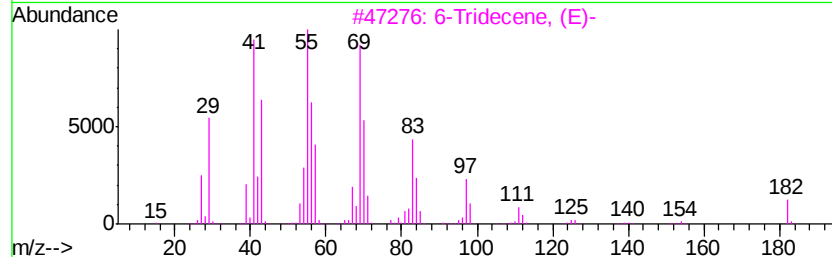
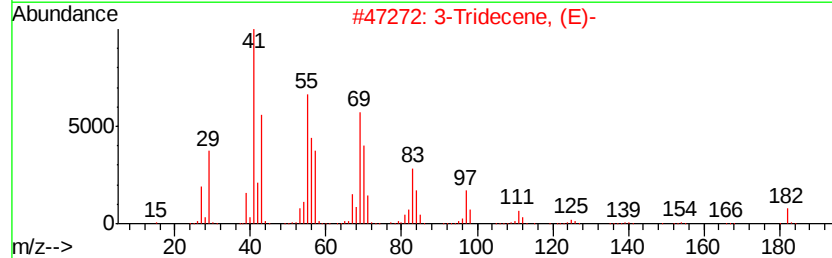
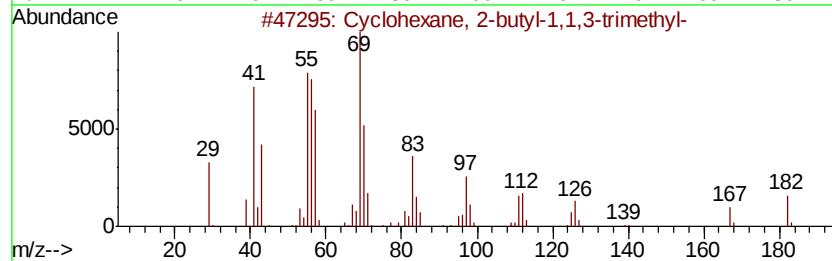
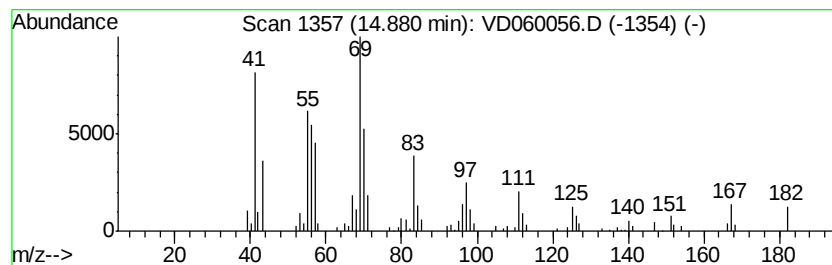
Instrument :
MSVOA_D
ClientSampleID :
RA-091918-S-SW-058

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.88	118.23 ug/l	185340	1,4-Dichlorobenzene-d4	13.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2	3-Tridecene, (E)-	182	C13H26	041446-57-5	87
3	6-Tridecene, (E)-	182	C13H26	006434-76-0	81
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	81
5	3-Dodecene, (Z)-	168	C12H24	007239-23-8	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092018\
Data File : VD060056.D
Acq On : 20 Sep 2018 19:04
Operator : VA/AP
Sample : J5017-04
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058

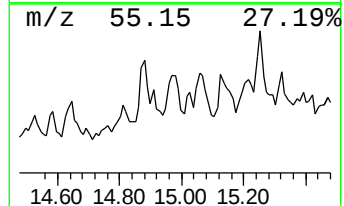
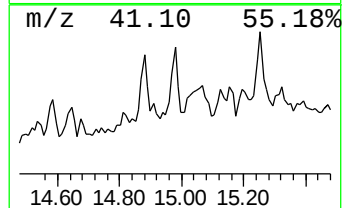
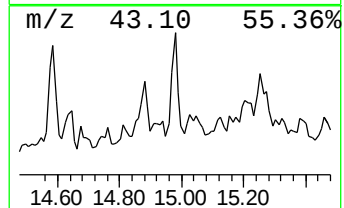
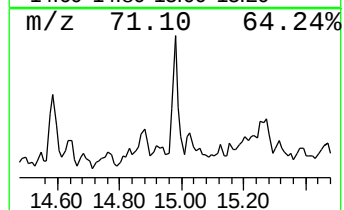
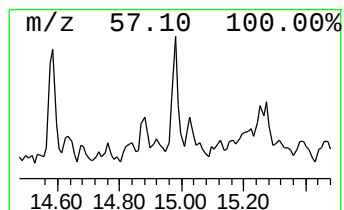
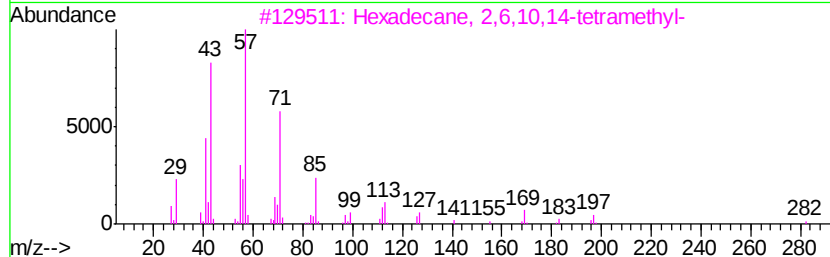
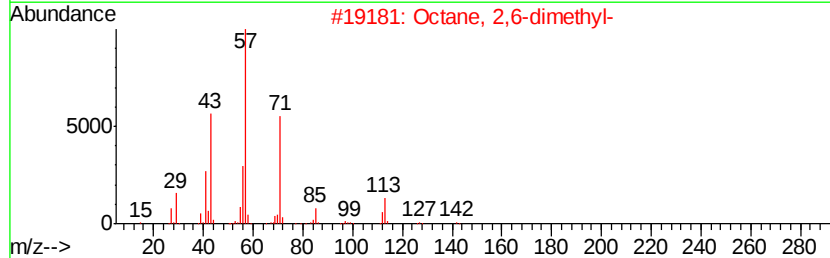
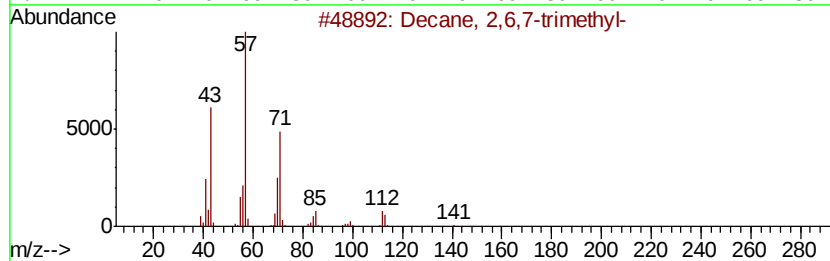
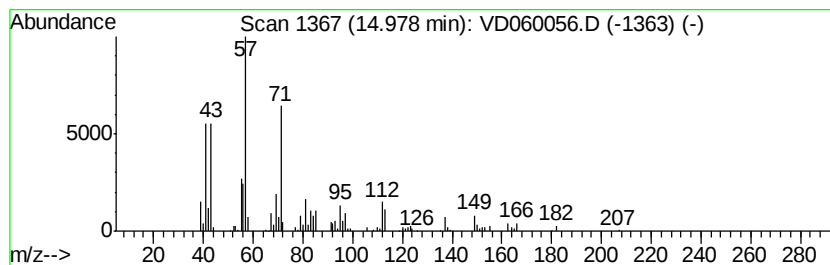
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260

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

Peak Number 8 Decane, 2,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	121.72 ug/l	190802	1,4-Dichlorobenzene-d4	13.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092018\
Data File : VD060056.D
Acq On : 20 Sep 2018 19:04
Operator : VA/AP
Sample : J5017-04
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058

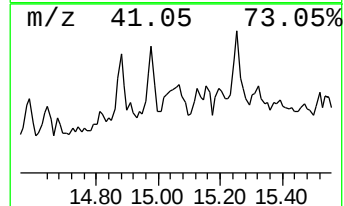
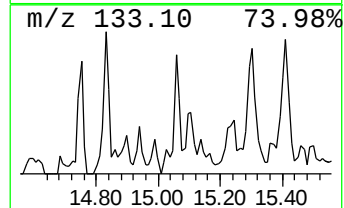
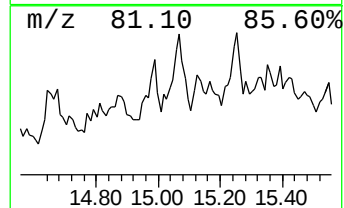
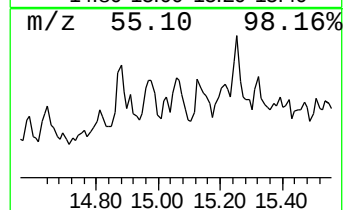
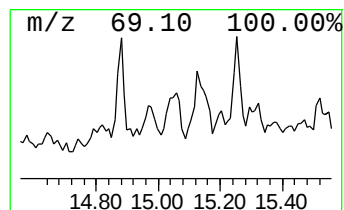
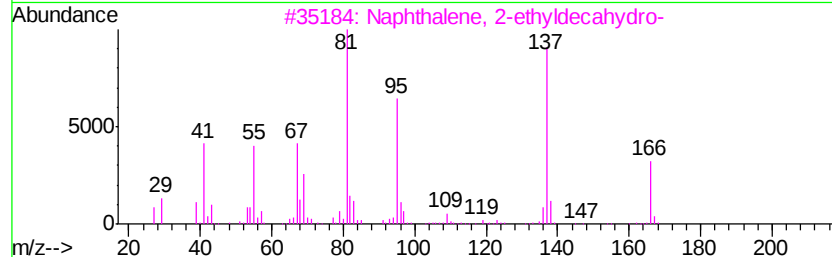
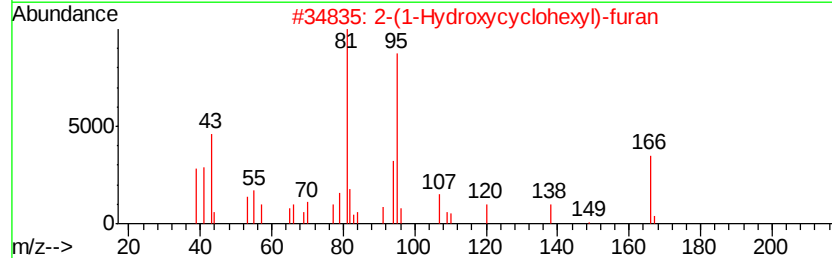
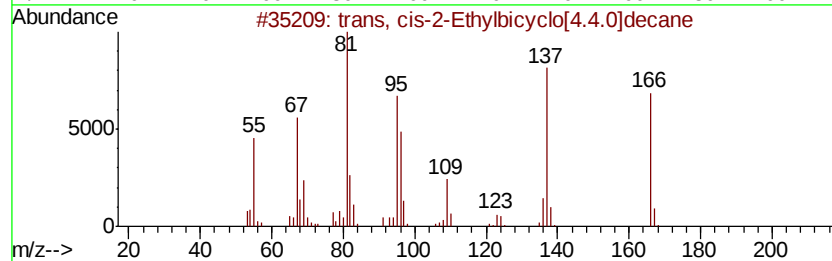
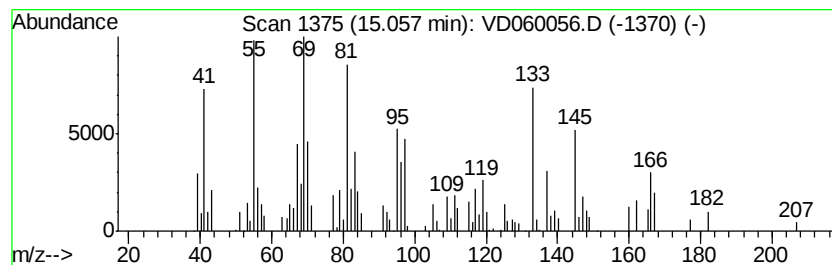
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	157.92 ug/l	247549	1,4-Dichlorobenzene-d4	13.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	38		
2	2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	036169-67-2	18		
3	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	18		
4	2,6-Methano-2H-indeno[5,6-b]oxir...	162	C10H10O2	1000221-39-5	15		
5	3-Cyclopenten-1-one, 2-hydroxy-3...	166	C10H14O2	069745-70-6	15		



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092018\
Data File : VD060056.D
Acq On : 20 Sep 2018 19:04
Operator : VA/AP
Sample : J5017-04
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

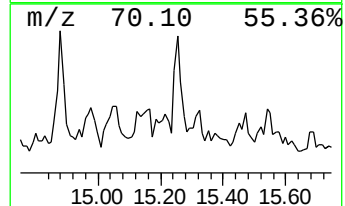
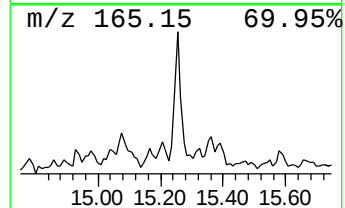
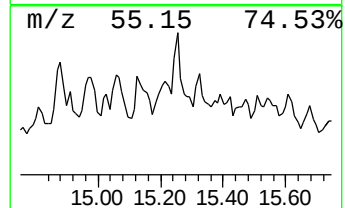
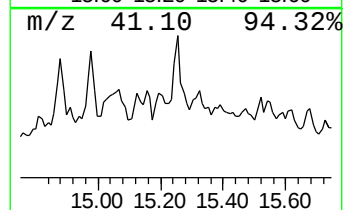
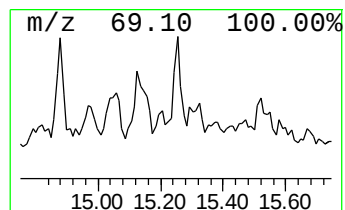
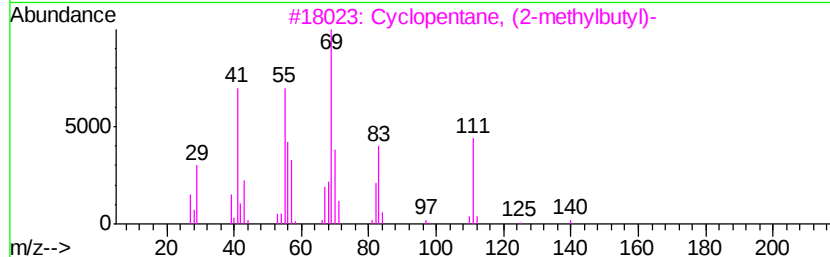
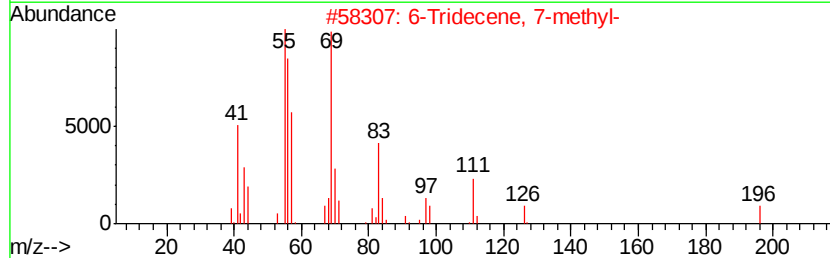
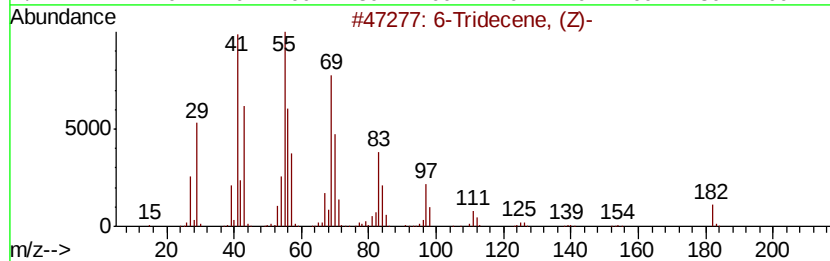
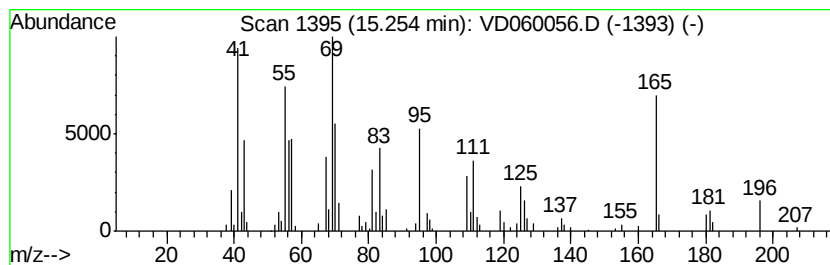
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260

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

Peak Number 10 6-Tridecene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	132.63 ug/l	207915	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Tridecene, (Z)-	182 C13H26	006508-77-6	60
2	6-Tridecene, 7-methyl-	196 C14H28	024949-42-6	49
3	Cyclopentane, (2-methylbutyl)-	140 C10H20	053366-38-4	49
4	Cyclopentane, 1-pentyl-2-propyl-	182 C13H26	062199-51-3	43
5	3-Tetradecene, (E)-	196 C14H28	041446-68-8	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092018\
Data File : VD060056.D
Acq On : 20 Sep 2018 19:04
Operator : VA/AP
Sample : J5017-04
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.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
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unknown14.52	14.52	74.8	ug/l	117335	4	13.36	78379	50.0
Undecane, 3,6-dim...	14.58	72.4	ug/l	113505	4	13.36	78379	50.0
unknown14.64	14.64	74.7	ug/l	117026	4	13.36	78379	50.0
Cyclohexane, 2-bu...	14.88	118.2	ug/l	185340	4	13.36	78379	50.0
Decane, 2,6,7-tri...	14.98	121.7	ug/l	190802	4	13.36	78379	50.0
unknown15.06	15.06	157.9	ug/l	247549	4	13.36	78379	50.0
6-Tridecene, (Z)-	15.25	132.6	ug/l	207915	4	13.36	78379	50.0