

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122618\
 Data File : VD060716.D
 Acq On : 26 Dec 2018 17:15
 Operator : VA/AP
 Sample : J6195-11
 Misc : 6.61g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-122618-A

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\82D122018S.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	1.460	14	24	56	rBV	1447608	7186396	100.00%	7.392%
2	3.723	249	254	266	rVB	65067	194887	2.71%	0.200%
3	6.311	508	517	521	rBV	748249	1973210	27.46%	2.030%
4	6.390	521	525	545	rVB	1450817	4002486	55.70%	4.117%
5	6.774	558	564	576	rBV	513941	1346283	18.73%	1.385%
6	7.423	624	630	640	rBV	1855180	4563344	63.50%	4.694%
7	9.431	829	834	841	rBV	2044835	4557778	63.42%	4.688%
8	9.529	841	844	852	rVB	95101	212299	2.95%	0.218%
9	11.261	1016	1020	1032	rBV	2649879	4574194	63.65%	4.705%
10	11.409	1032	1035	1042	rVV	41575	72572	1.01%	0.075%
11	11.546	1043	1049	1053	rVV	56448	125304	1.74%	0.129%
12	11.920	1084	1087	1094	rVB	161016	248051	3.45%	0.255%
13	12.166	1107	1112	1117	rBV2	39055	94373	1.31%	0.097%
14	12.412	1133	1137	1141	rBV	2019443	2704497	37.63%	2.782%
15	12.560	1149	1152	1156	rVB2	49692	97649	1.36%	0.100%
16	12.619	1156	1158	1161	rBV	104980	146351	2.04%	0.151%
17	12.698	1161	1166	1167	rBV	374893	491383	6.84%	0.505%
18	12.727	1167	1169	1172	rVV	280361	314932	4.38%	0.324%
19	12.776	1172	1174	1176	rVV	355011	562940	7.83%	0.579%
20	12.806	1176	1177	1181	rVB	453431	470835	6.55%	0.484%
21	12.924	1185	1189	1192	rBV	446090	756693	10.53%	0.778%
22	13.042	1198	1201	1202	rBV	117145	150409	2.09%	0.155%
23	13.082	1202	1205	1211	rVB	590567	806127	11.22%	0.829%
24	13.209	1215	1218	1222	rVV3	173671	306351	4.26%	0.315%
25	13.278	1222	1225	1228	rVV	369782	545597	7.59%	0.561%
26	13.357	1230	1233	1235	rVV	2980899	3836063	53.38%	3.946%
27	13.396	1235	1237	1242	rVV	905148	1518610	21.13%	1.562%
28	13.485	1242	1246	1248	rVV3	252573	470086	6.54%	0.484%
29	13.544	1249	1252	1253	rVV	882895	1156204	16.09%	1.189%
30	13.574	1253	1255	1257	rVV	695439	983730	13.69%	1.012%
31	13.613	1257	1259	1265	rVV2	1112677	2142245	29.81%	2.203%
32	13.721	1267	1270	1272	rVV	1207566	1926295	26.80%	1.981%
33	13.751	1272	1273	1277	rVV	577676	788432	10.97%	0.811%
34	13.810	1277	1279	1280	rVV	510816	652381	9.08%	0.671%

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35	13.839	1280	1282	1285	rVV2	625900	1147242	15.96%	1.180%
36	13.888	1285	1287	1289	rVV	959790	1305144	18.16%	1.342%
37	13.928	1289	1291	1292	rVV	350778	517584	7.20%	0.532%
38	13.977	1293	1296	1302	rVV2	809361	2183076	30.38%	2.245%
39	14.056	1302	1304	1307	rVV3	323456	685107	9.53%	0.705%
40	14.115	1307	1310	1312	rVV2	498185	1133828	15.78%	1.166%
41	14.154	1312	1314	1315	rVV	515735	802573	11.17%	0.825%
42	14.184	1315	1317	1318	rVV	599868	900776	12.53%	0.926%
43	14.213	1318	1320	1322	rVV	982053	1346627	18.74%	1.385%
44	14.262	1322	1325	1328	rVV2	667593	1517113	21.11%	1.560%
45	14.302	1328	1329	1332	rVV2	405387	688172	9.58%	0.708%
46	14.400	1332	1339	1341	rVV3	874254	2462664	34.27%	2.533%
47	14.440	1341	1343	1344	rVV	528001	778393	10.83%	0.801%
48	14.479	1344	1347	1348	rVV2	1239788	2134596	29.70%	2.196%
49	14.508	1348	1350	1354	rVV2	2039135	3497090	48.66%	3.597%
50	14.568	1354	1356	1359	rVV2	656219	1365197	19.00%	1.404%
51	14.627	1359	1362	1365	rVV	1387504	2320134	32.29%	2.386%
52	14.676	1365	1367	1368	rVV2	243019	412189	5.74%	0.424%
53	14.735	1368	1373	1374	rVV	625894	1807688	25.15%	1.859%
54	14.764	1374	1376	1378	rVV	675219	1117062	15.54%	1.149%
55	14.823	1378	1382	1386	rVV4	744383	2348565	32.68%	2.416%
56	14.882	1386	1388	1389	rVV	468251	693329	9.65%	0.713%
57	14.912	1389	1391	1393	rVV2	417689	793682	11.04%	0.816%
58	14.971	1393	1397	1399	rVV3	644738	1632863	22.72%	1.679%
59	15.010	1399	1401	1403	rVV	707604	1150305	16.01%	1.183%
60	15.060	1403	1406	1408	rVV2	878523	1699671	23.65%	1.748%
61	15.138	1411	1414	1417	rVV2	909225	1833369	25.51%	1.886%
62	15.187	1417	1419	1424	rVV2	627260	1512684	21.05%	1.556%
63	15.247	1424	1425	1428	rVV3	304748	621745	8.65%	0.639%
64	15.335	1432	1434	1439	rVV	1080986	1933690	26.91%	1.989%
65	15.414	1439	1442	1444	rVV3	250457	606971	8.45%	0.624%
66	15.463	1444	1447	1449	rVV	376411	776909	10.81%	0.799%
67	15.502	1449	1451	1453	rVV	188542	370683	5.16%	0.381%
68	15.561	1454	1457	1460	rVV	478704	916990	12.76%	0.943%
69	15.611	1460	1462	1466	rVV5	142859	423412	5.89%	0.435%
70	15.709	1466	1472	1475	rVV3	277474	796626	11.09%	0.819%
71	15.758	1475	1477	1482	rVV3	181044	431496	6.00%	0.444%

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Integration Parameters: RTEINT.P

Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	15.817	1482	1483	1486	rVV2	88214	151768	2.11%	0.156%
73	15.896	1488	1491	1494	rVV3	97163	244251	3.40%	0.251%
74	15.935	1494	1495	1498	rVV3	50999	80849	1.13%	0.083%
75	15.994	1498	1501	1506	rVV2	41267	103928	1.45%	0.107%

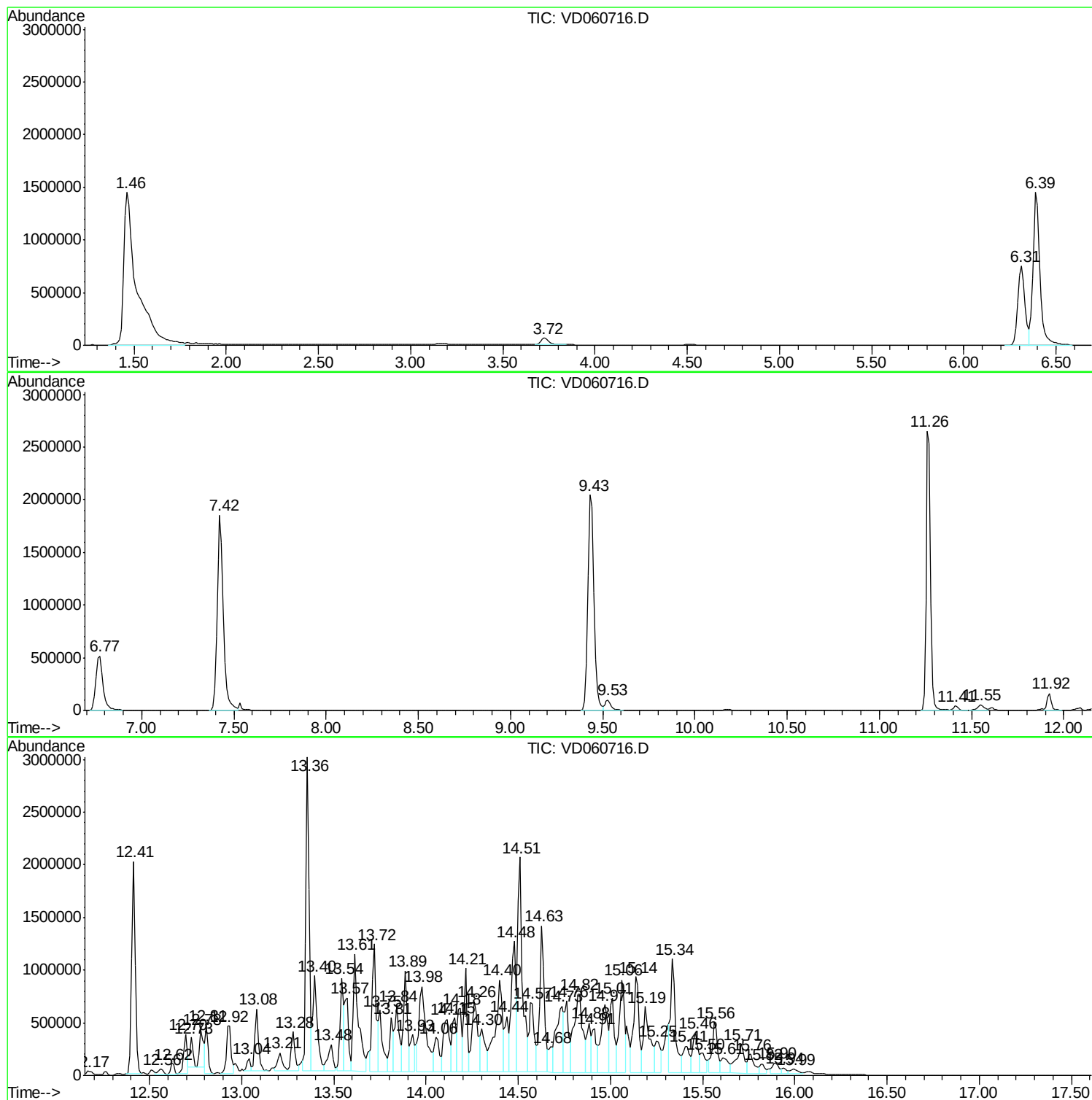
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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



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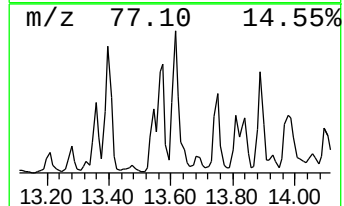
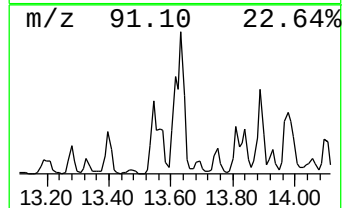
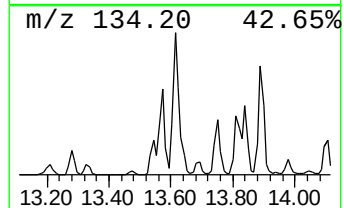
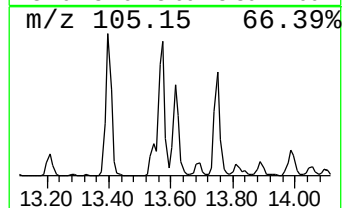
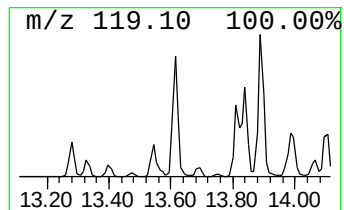
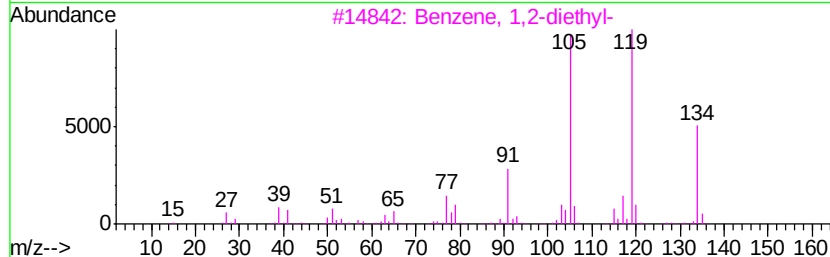
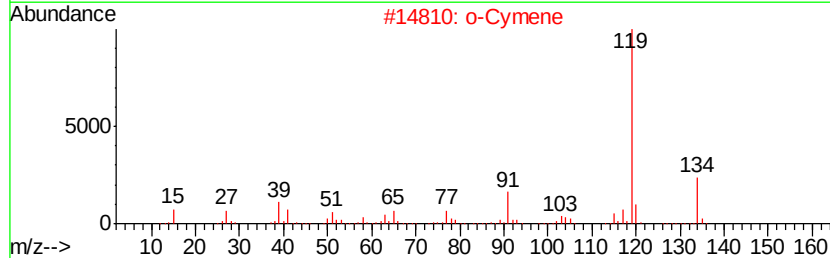
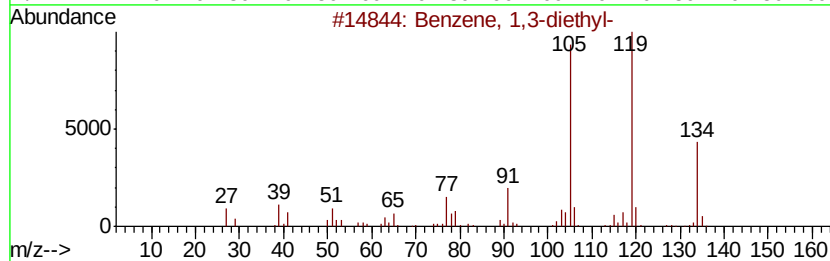
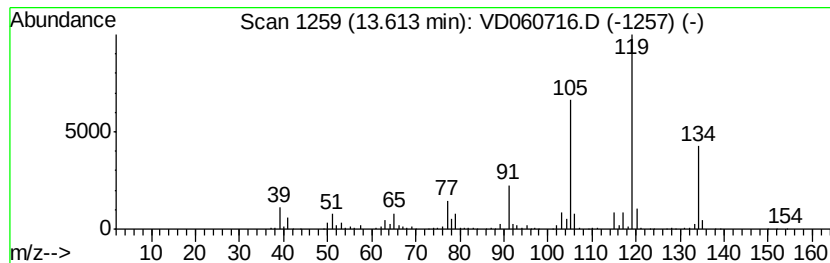
Instrument :
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ClientSampleId :
OR-01-122618-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	27.92 ug/l	2142250	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 97
2		o-Cymene	134 C10H14	000527-84-4 94
3		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 93
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 91
5		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 91



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 ALS Vial : 10 Sample Multiplier: 1

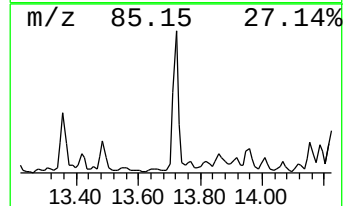
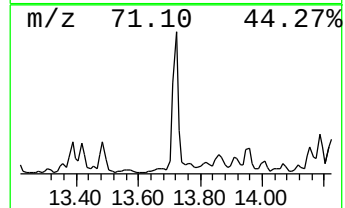
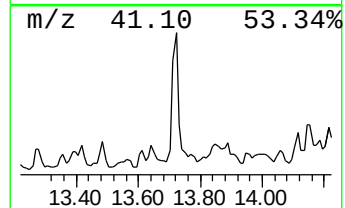
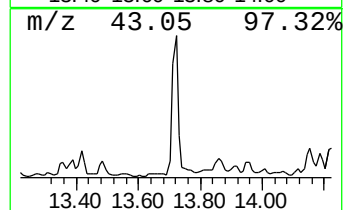
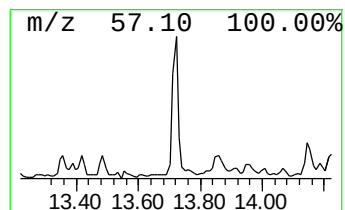
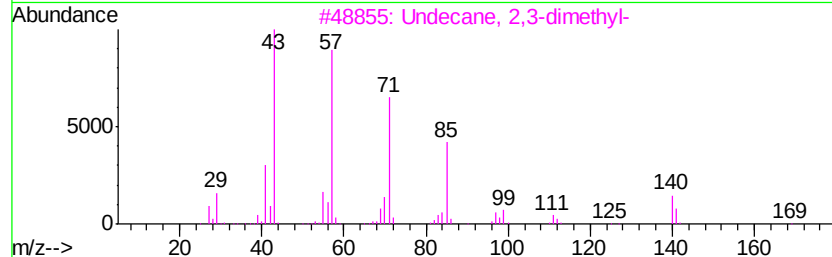
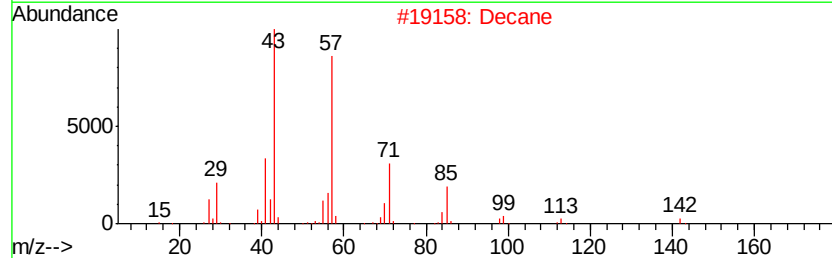
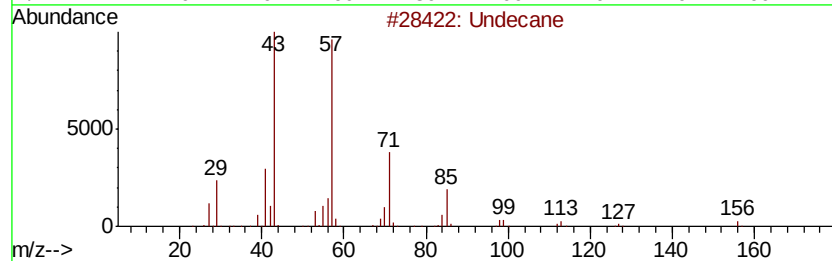
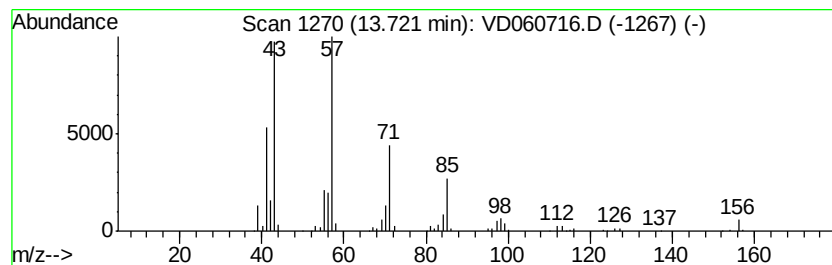
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	25.11 ug/l	1926300	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	91
2	Decane	142 C10H22	000124-18-5	86
3	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	64
4	Decane, 2,3,6-trimethyl-	184 C13H28	062238-12-4	64
5	Hexadecane	226 C16H34	000544-76-3	64



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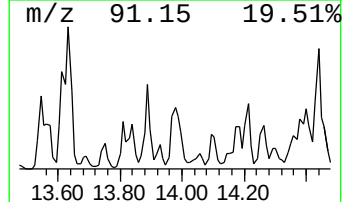
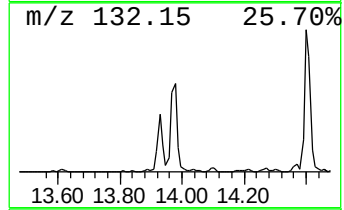
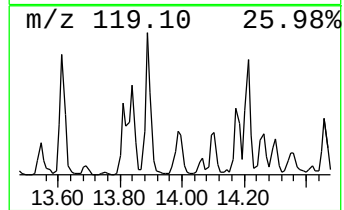
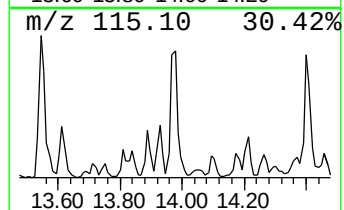
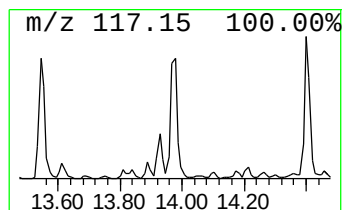
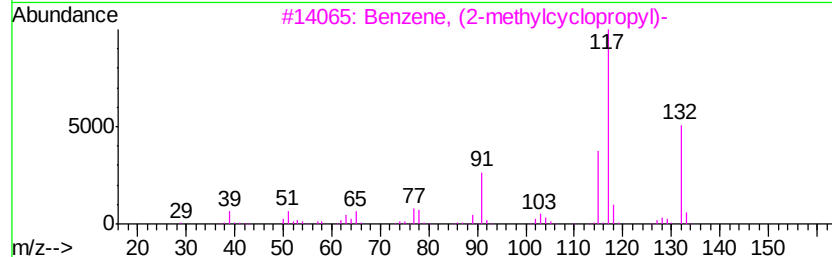
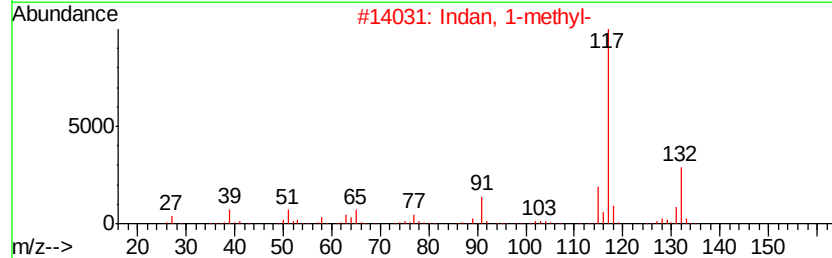
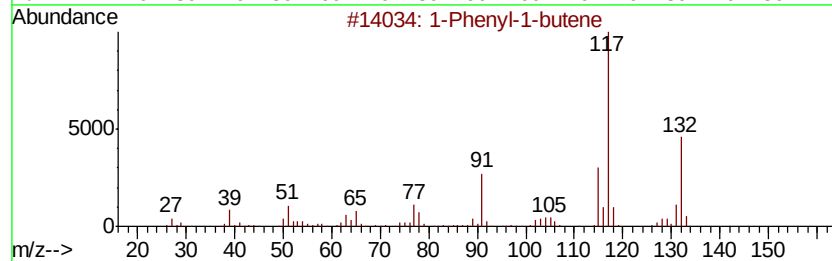
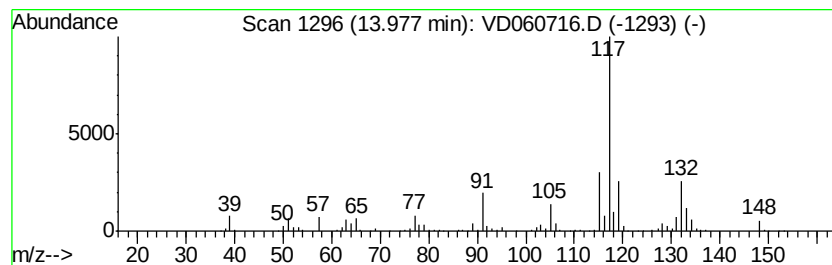
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Quant Title : SW846 8260

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

Peak Number 4 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	28.45 ug/l	2183080	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Phenyl-1-butene	132 C10H12	000824-90-8	76
2	Indan, 1-methyl-	132 C10H12	000767-58-8	70
3	Benzene, (2-methylcyclopropyl)-	132 C10H12	1000327-39-0	70
4	Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7	68
5	Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0	68



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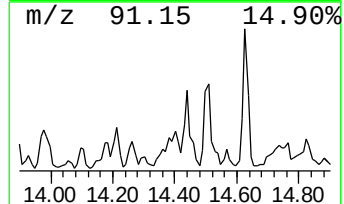
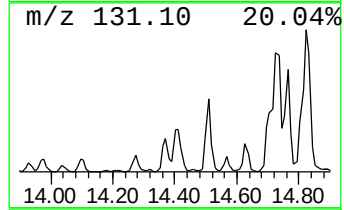
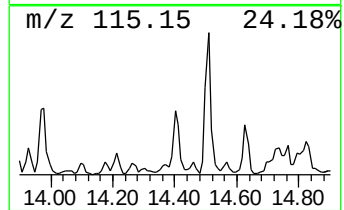
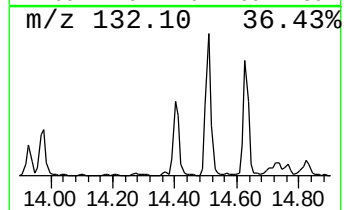
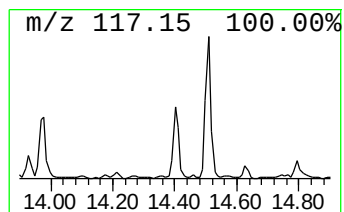
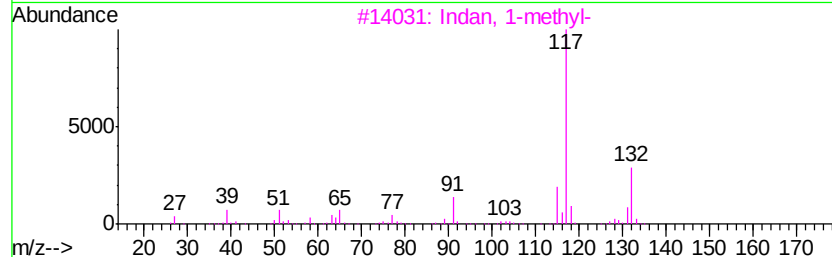
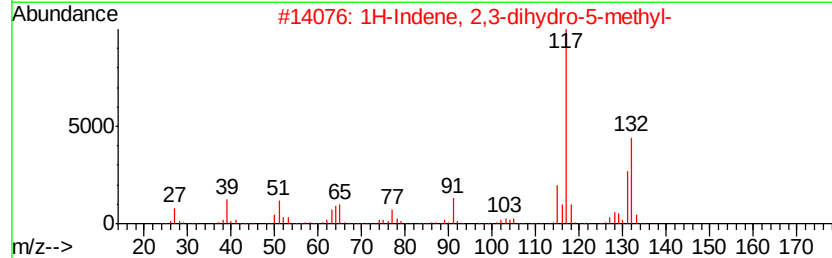
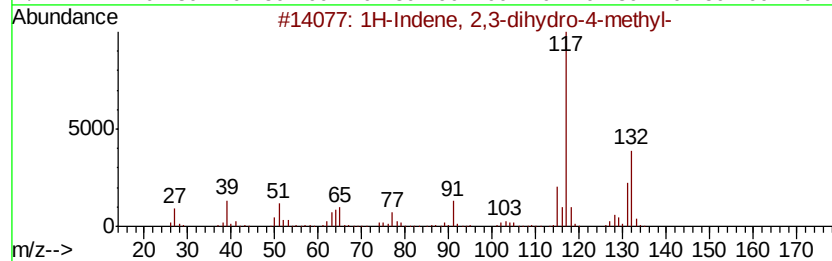
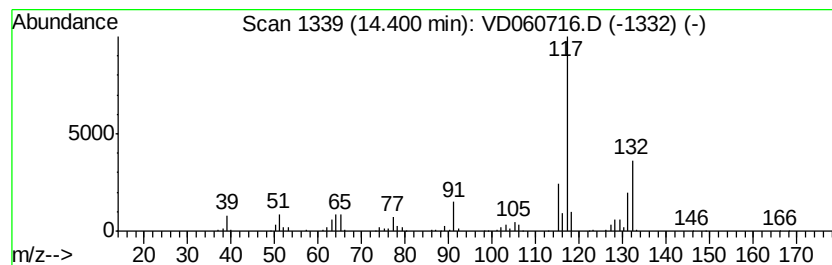
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MSVOA_D
ClientSampleId :
OR-01-122618-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	32.10 ug/l	2462660	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6 91
2		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 90
3		Indan, 1-methyl-	132 C10H12	000767-58-8 87
4		Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4 83
5		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122618\
 Data File : VD060716.D
 Acq On : 26 Dec 2018 17:15
 Operator : VA/AP
 Sample : J6195-11
 Misc : 6.61a/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-122618-A

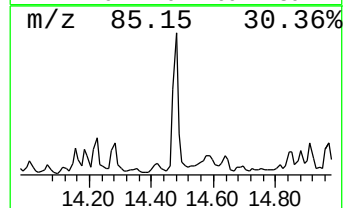
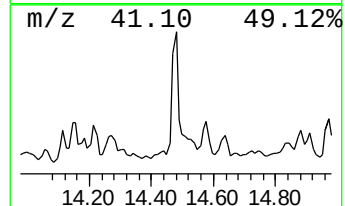
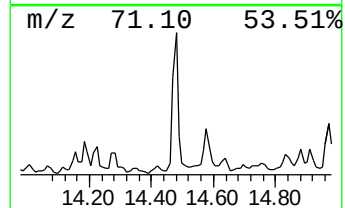
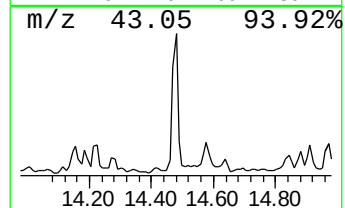
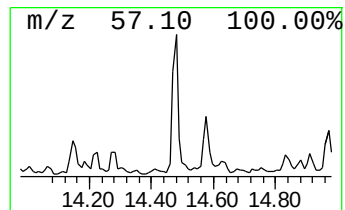
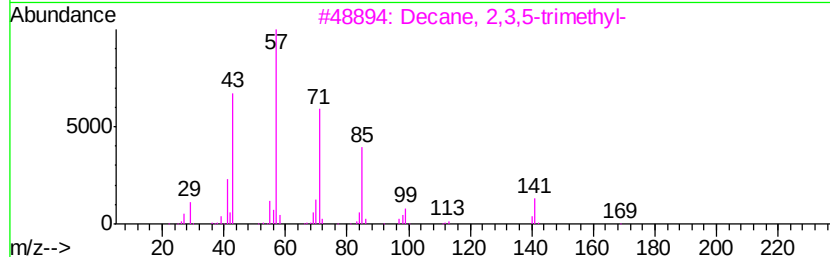
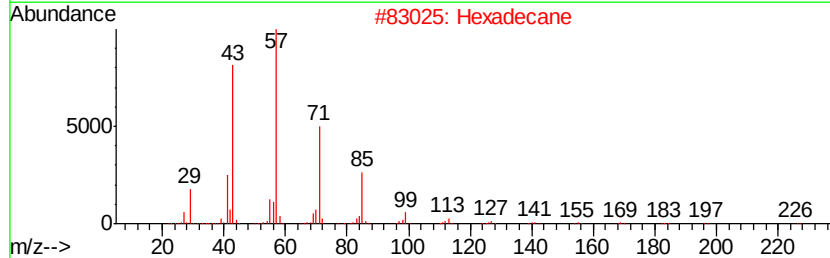
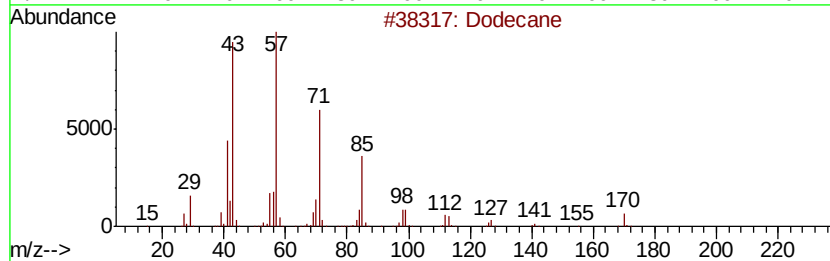
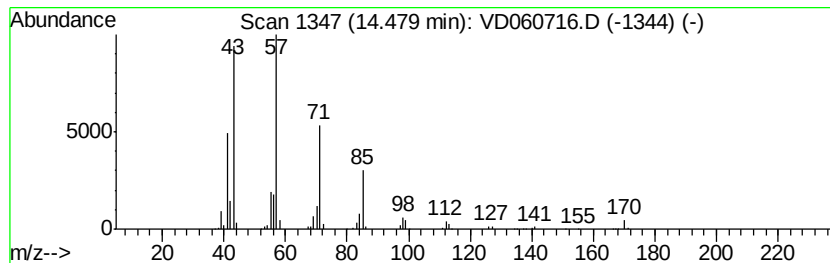
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 Quant Title : SW846 8260

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

 Peak Number 6 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	27.82 ug/l	2134600	1,4-Dichlorobenzene-d4	13.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	95
2	Hexadecane		226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	72
4	Tridecane		184	C13H28	000629-50-5	72
5	Undecane		156	C11H24	001120-21-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61a/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-A

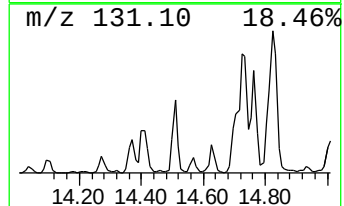
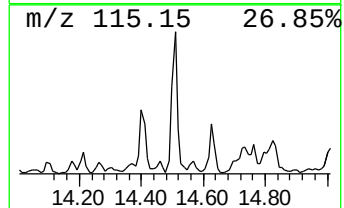
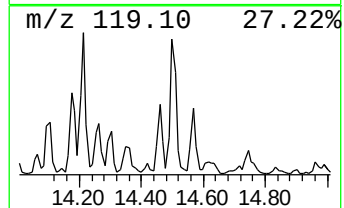
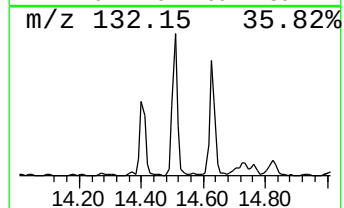
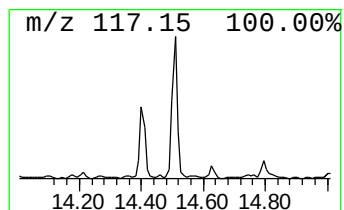
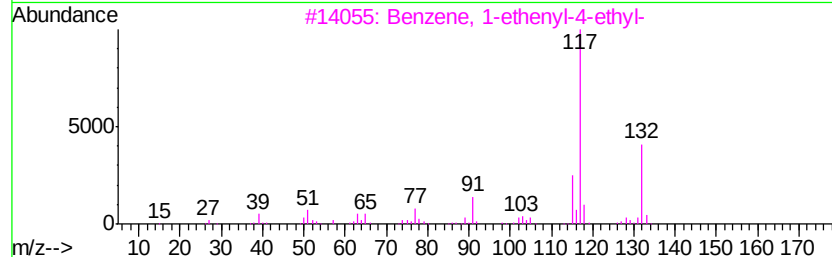
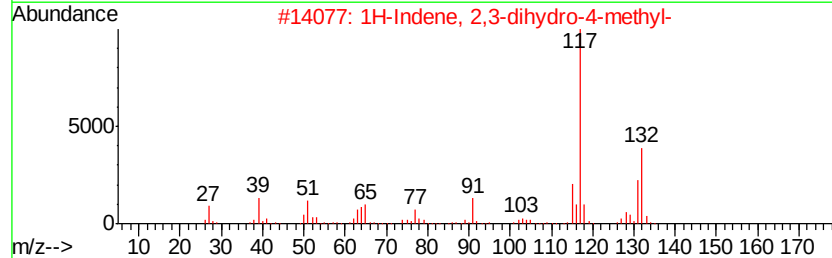
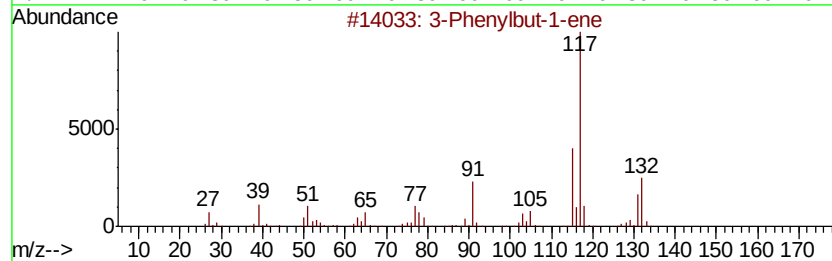
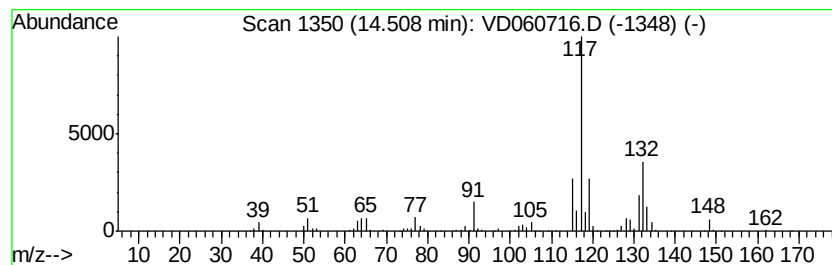
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Quant Title : SW846 8260

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

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	45.58 ug/l	3497090	1,4-Dichlorobenzene-d4	13.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4		Indan, 1-methyl-	132	C10H12	000767-58-8	76
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61a/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

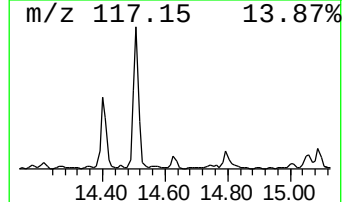
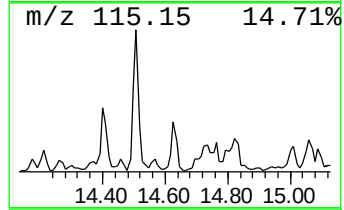
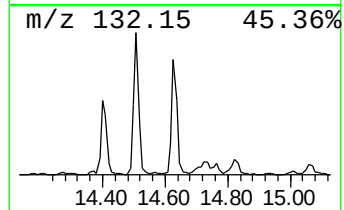
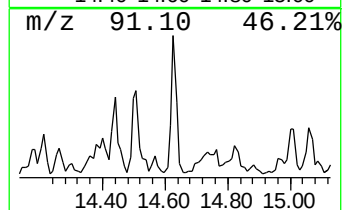
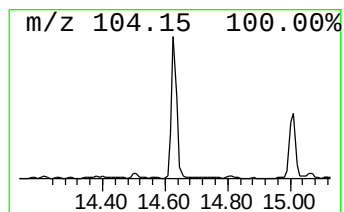
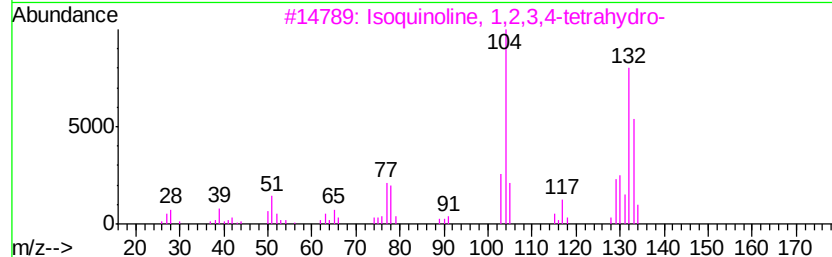
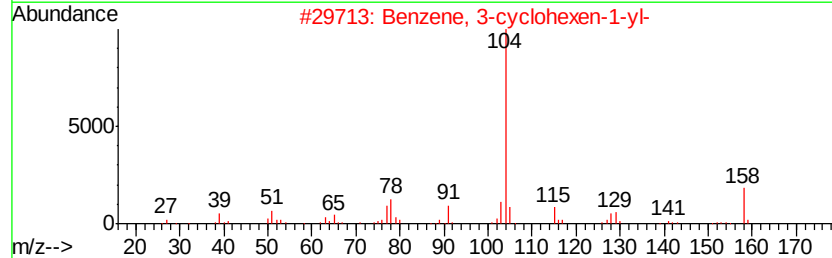
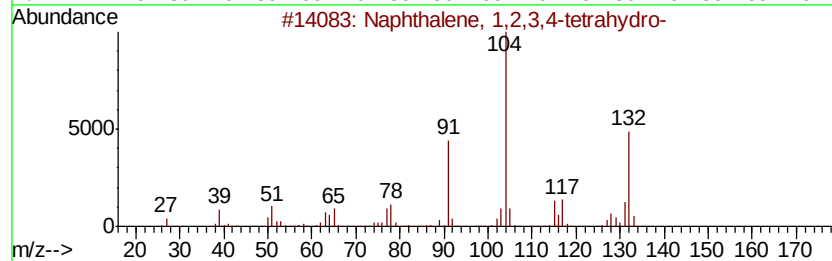
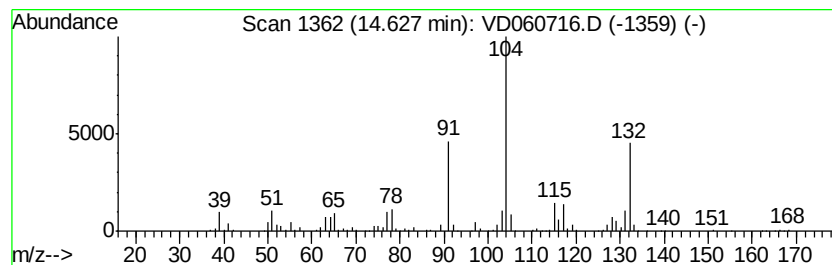
Instrument :
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ClientSampleId :
OR-01-122618-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.63	30.24 ug/l	2320130	1,4-Dichlorobenzene-d4	13.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
3		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43
4		Acetic acid, trichloro-, 2-phenyl...	266	C10H9Cl3O2	071965-07-6	43
5		Benzene, cyclobutyl-	132	C10H12	004392-30-7	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61a/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-A

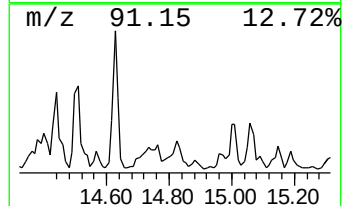
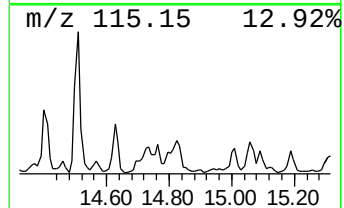
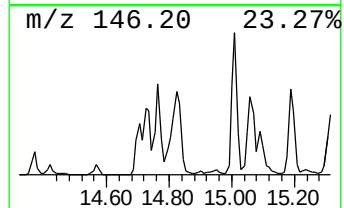
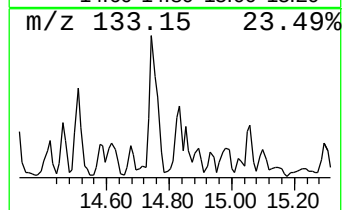
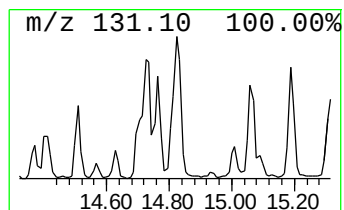
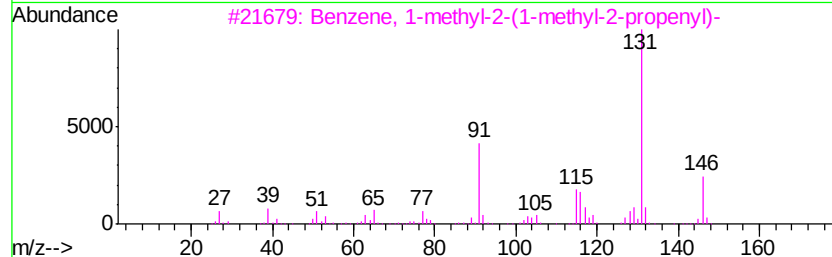
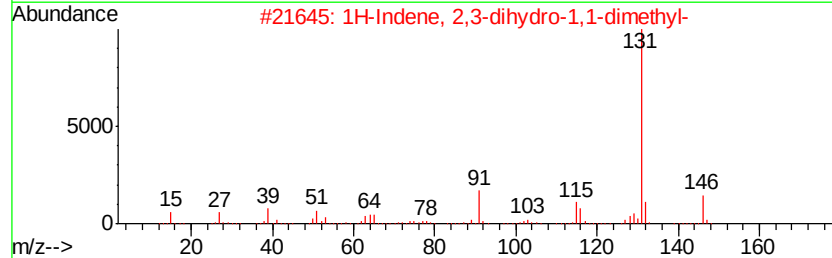
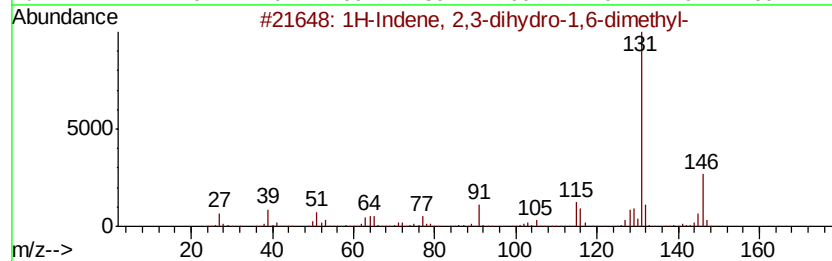
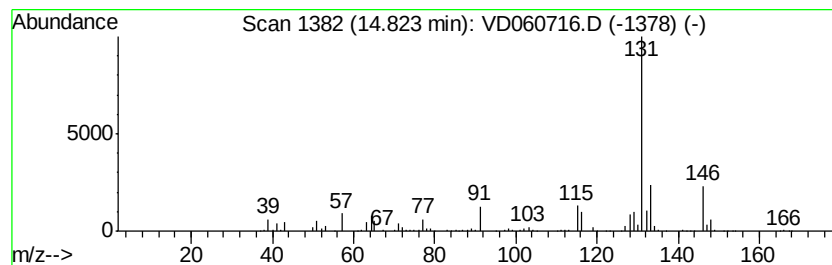
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	30.61 ug/l	2348570	1,4-Dichlorobenzene-d4	13.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61a/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

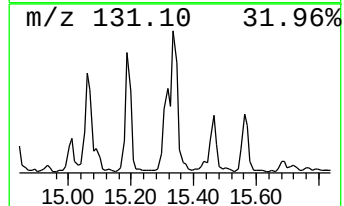
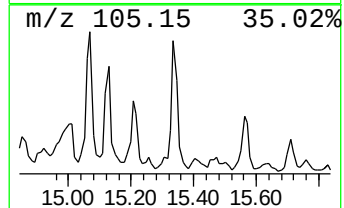
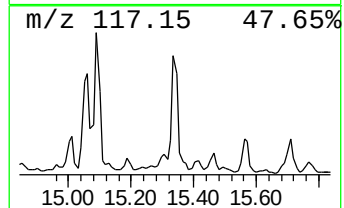
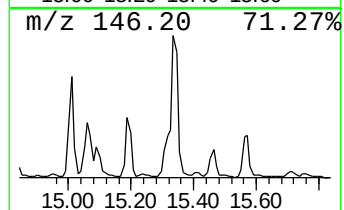
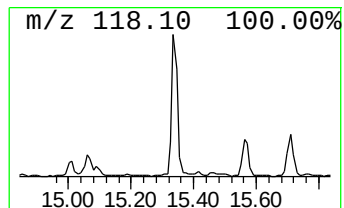
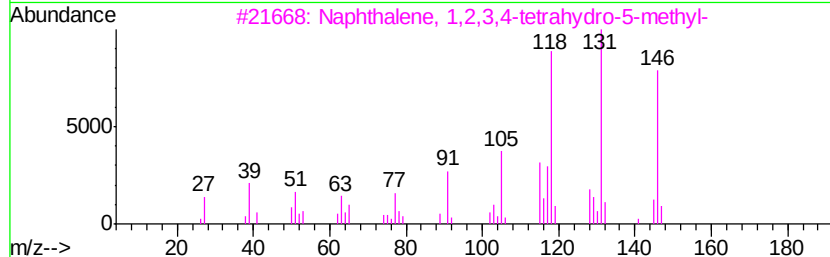
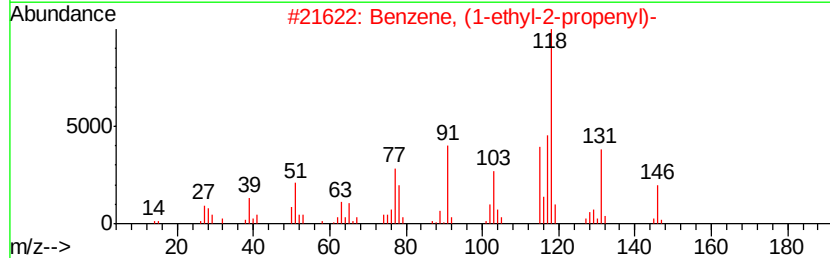
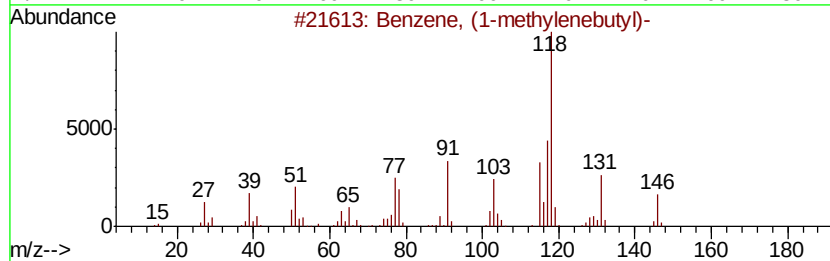
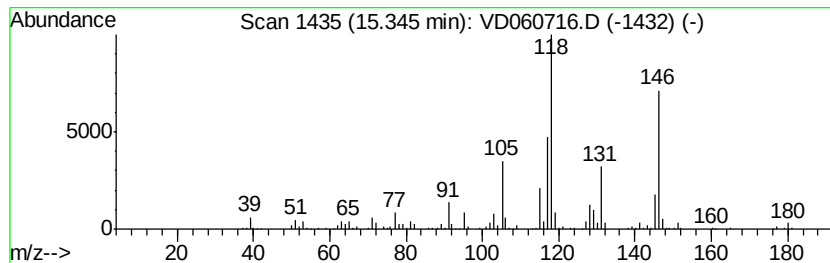
Instrument :
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ClientSampleId :
OR-01-122618-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, (1-methylenebutyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	25.20 ug/l	1933690	1,4-Dichlorobenzene-d4	13.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4 91
2		Benzene, (1-ethyl-2-propenyl)-	146 C11H14	019947-22-9 80
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 76
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 70
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-diet...	13.61	27.9	ug/l	2142250	4	13.36	3836060	50.0
Undecane	13.72	25.1	ug/l	1926300	4	13.36	3836060	50.0
1-Phenyl-1-butene	13.98	28.4	ug/l	2183080	4	13.36	3836060	50.0
1H-Indene, 2,3-di...	14.40	32.1	ug/l	2462660	4	13.36	3836060	50.0
Dodecane	14.48	27.8	ug/l	2134600	4	13.36	3836060	50.0
3-Phenylbut-1-ene	14.51	45.6	ug/l	3497090	4	13.36	3836060	50.0
Naphthalene, 1,2,...	14.63	30.2	ug/l	2320130	4	13.36	3836060	50.0
1H-Indene, 2,3-di...	14.82	30.6	ug/l	2348570	4	13.36	3836060	50.0
Benzene, (1-methy...	15.34	25.2	ug/l	1933690	4	13.36	3836060	50.0