LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.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	1.854	30	33	43	rVB	67772	161254	3.27%	0.327%
2	3.162	158	166	175	rBV2	18317	72117	1.46%	0.146%
3	3.723	217	223	240	rVB	270939	819562	16.64%	1.664%
4	4.107	255	262	271	rVB	25574	82067	1.67%	0.167%
5	4.511	297	303	311	rVB3	23732	74144	1.51%	0.151%
6	6.321	480	487	491	rBV	829670	2136785	43.39%	4.338%
7	6.400	491	495	514	rVB	1480393	3941459	80.03%	8.001%
8	6.784	528	534	551	rBV	621927	1527389	31.01%	3.101%
9	7.433	594	600	618	rBV	1864371	4587474	93.15%	9.312%
10	9.451	799	805	810	rBV	2253735	4885184	99.20%	9.917%
11	9.539	810	814	824	rVB	580898	1276347	25.92%	2.591%
12	10.612	916	923	929	rBV	36511	74844	1.52%	0.152%
13	11.281	986	991	1002	rBV	2935234	4924820	100.00%	9.997%
14	11.419	1002	1005	1008	rVV	54916	76973	1.56%	0.156%
15	11.557	1015	1019	1023	rBV	121798	217130	4.41%	0.441%
16	11.931	1054	1057	1064	rVB	128870	185393	3.76%	0.376%
17	12.423	1103	1107	1115	rVB	2395871	3267925	66.36%	6.634%
18	12.560	1119	1121	1125	rVB	60360	95935	1.95%	0.195%
19	12.629	1125	1128	1131	rVB	66056	83141	1.69%	0.169%
20	12.708	1131	1136	1138	rBV	263308	388485	7.89%	0.789%
21	12.738	1138	1139	1142	rVV	109502	103209	2.10%	0.210%
22	12.787	1142	1144	1146	rVV	152048	251564	5.11%	0.511%
23	12.816	1146	1147	1151	rVB	159503	151542	3.08%	0.308%
24	12.934	1155	1159	1165	rBV	175698	299070	6.07%	0.607%
25	13.092	1172	1175	1180	rVB	673496	903673	18.35%	1.834%
26	13.220	1184	1188	1191	rBV2	47682	71405	1.45%	0.145%
27	13.289	1191	1195	1198	rBV	87194	132984	2.70%	0.270%
28	13.367	1200	1203	1206	rVV	3488339	4509168	91.56%	9.153%
29	13.407	1206	1207	1212	rVB	373869	401611	8.15%	0.815%
30	13.495	1212	1216	1218	rVB2	51688	80358	1.63%	0.163%
31	13.554	1219	1222	1227	rBV2	374893	719762	14.61%	1.461%
32	13.623	1227	1229	1235	rVB2	327956	542299	11.01%	1.101%
33	13.722	1237	1239	1241	rVV	267080	375768	7.63%	0.763%
34	13.761	1241	1243	1247	rVB	131279	189793	3.85%	0.385%

LSC Area Percent Report

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Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Title : SW846 8260

35	13.820	1247	1249	1250	rBV	207020	235880	4.79%	0.479%
36	13.850	1250	1252	1255	rVV	191122	272391	5.53%	0.553%
37	13.899	1255	1257	1259	rVV	307470	345176	7.01%	0.701%
38	13.938	1259	1261	1262	rVV	76610	92939	1.89%	0.189%
39	13.977	1262	1265	1271	rVB2	268457	473727	9.62%	0.962%
40	14.066	1272	1274	1276	rVB4	56375	76612	1.56%	0.156%
41	14.115	1276	1279	1282	rBV2	167517	342918	6.96%	0.696%
42	14.155	1282	1283	1285	rVV	76044	127945	2.60%	0.260%
43	14.184	1285	1286	1288	rVV	204775	223940	4.55%	0.455%
44	14.223	1288	1290	1292	rVB	337751	419144	8.51%	0.851%
45	14.273	1292	1295	1297	rBV2	180748	276400	5.61%	0.561%
46	14.312	1297	1299	1302	rVB2	57237	89842	1.82%	0.182%
47	14.410	1302	1309	1311	rBV2	479055	781918	15.88%	1.587%
48	14.450	1311	1313	1314	rVV	105323	151784	3.08%	0.308%
49	14.479	1314	1316	1317	rVV2	282561	390595	7.93%	0.793%
50	14.509	1317	1319	1324	rVV2	841663	1370899	27.84%	2.783%
51	14.578	1324	1326	1329	rVB2	138371	174924	3.55%	0.355%
52	14.637	1329	1332	1335	rVB	644205	779965	15.84%	1.583%
53	14.745	1335	1343	1344	rBV	198295	500167	10.16%	1.015%
54	14.775	1344	1346	1348	rVV	186091	235139	4.77%	0.477%
55	14.834	1348	1352	1356	rVB2	253753	429743	8.73%	0.872%
56	14.962	1362	1365	1369	rBV	258827	487706	9.90%	0.990%
57	15.011	1369	1370	1373	rVV	190772	246336	5.00%	0.500%
58	15.070	1373	1376	1381	rVV2	298315	567191	11.52%	1.151%
59	15.149	1381	1384	1387	rVB4	190728	288386	5.86%	0.585%
60	15.198	1387	1389	1393	rBV2	235254	299986	6.09%	0.609%
61	15.267	1393	1396	1398	rVB3	33030	57213	1.16%	0.116%
62	15.316	1398	1401	1402	rBV3	150886	224350	4.56%	0.455%
63	15.345	1402	1404	1409	rVB	470629	604624	12.28%	1.227%
64	15.414	1409	1411	1414	rBV3	60008	82210	1.67%	0.167%
65	15.463	1414	1416	1419	rVV	122722	193713	3.93%	0.393%
66	15.572	1423	1427	1430	rBV	218608	306343	6.22%	0.622%
67	15.719	1436	1442	1444	rBV2	118193	210358	4.27%	0.427%
68	15.759	1444	1446	1450	rVB2	131278	187348	3.80%	0.380%
69	15.906	1458	1461	1464	rBV2	60673	103456	2.10%	0.210%

Sum of corrected areas: 49261902

LSC Report - Integrated Chromatogram

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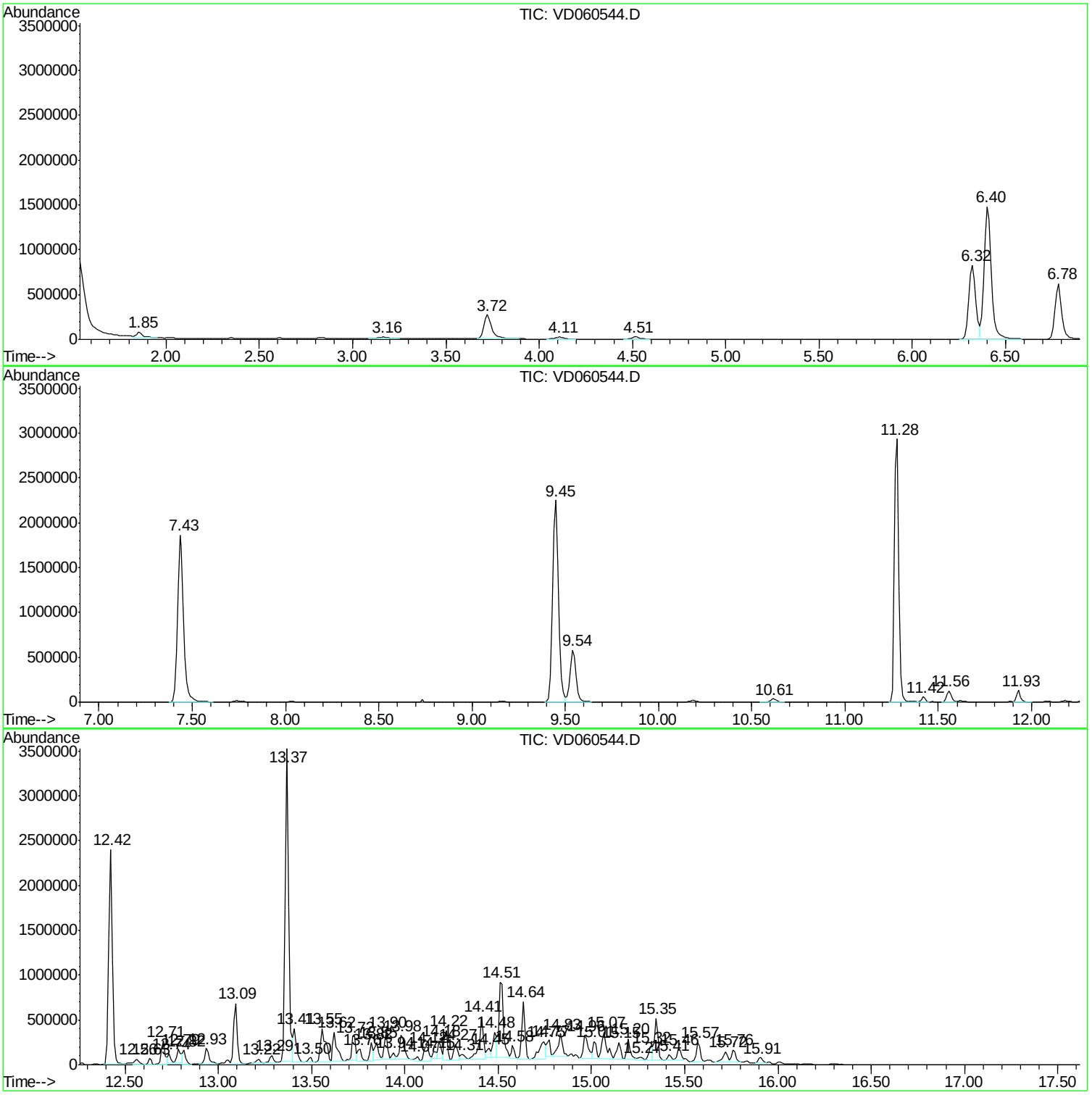
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

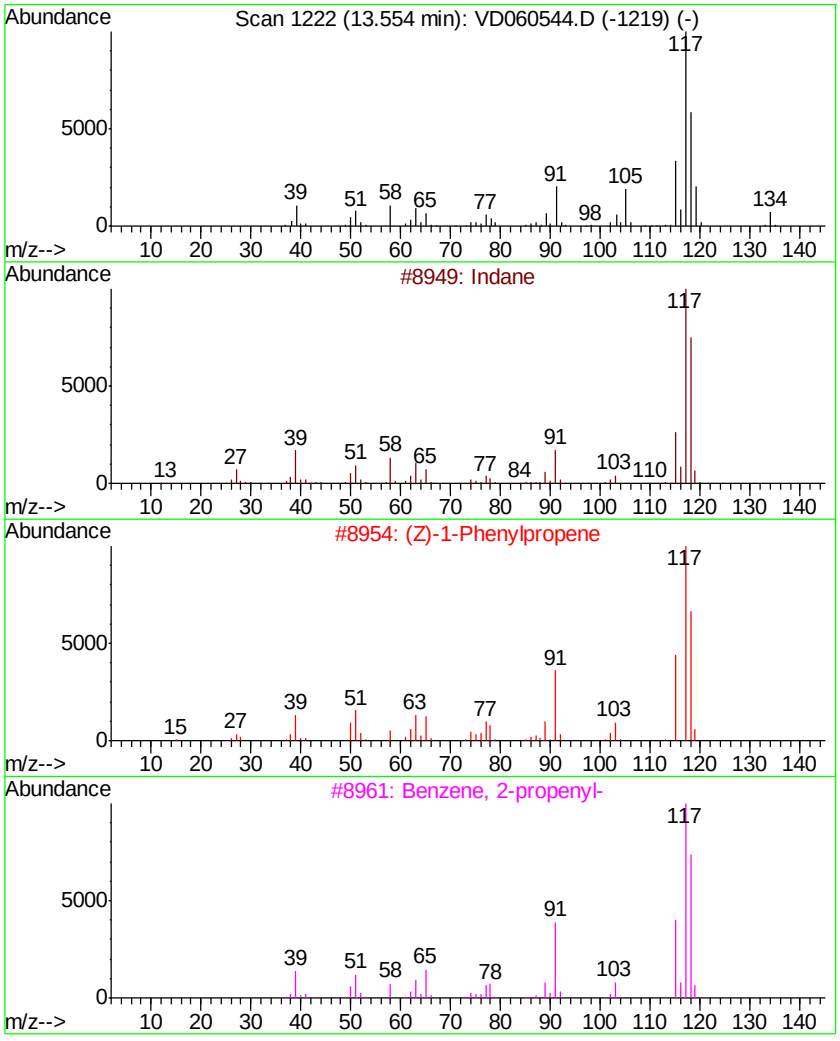
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

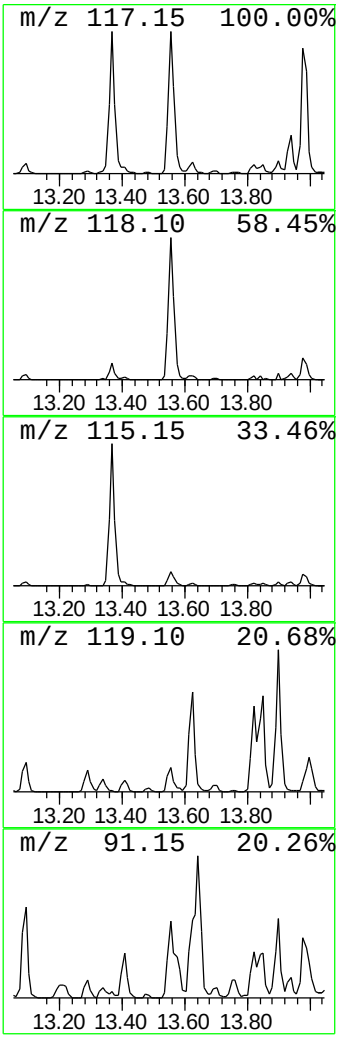
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	7.98 ug/l	719762	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

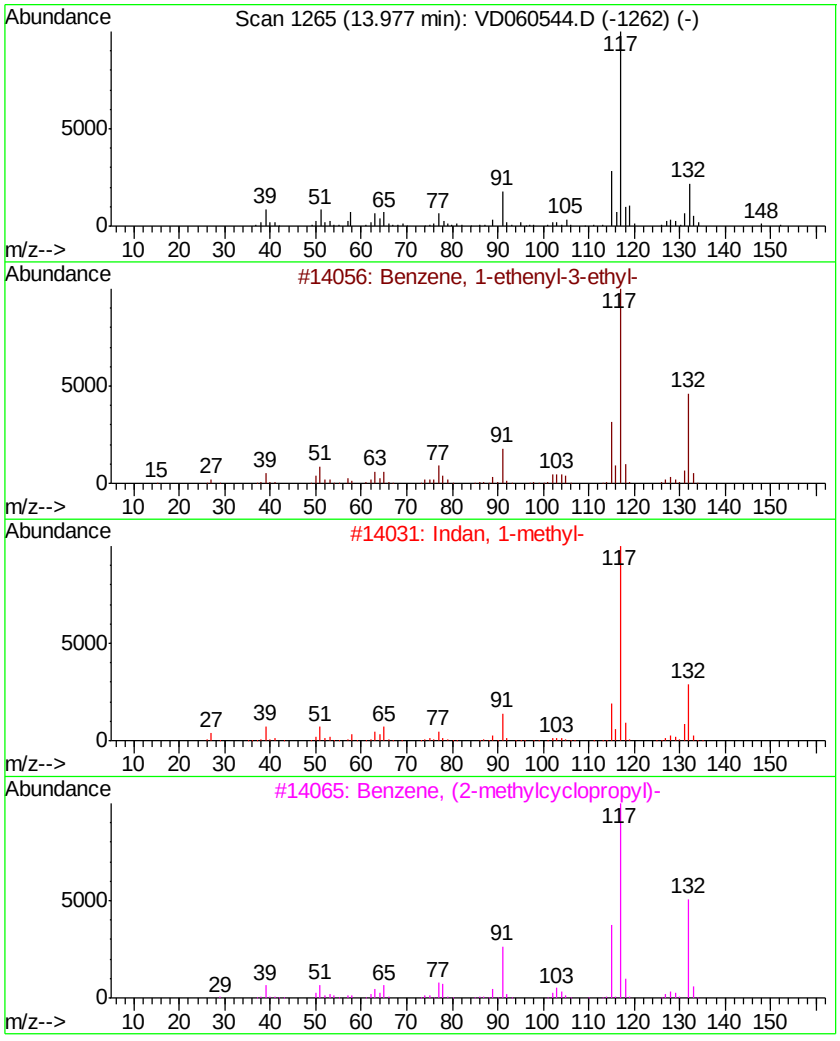
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

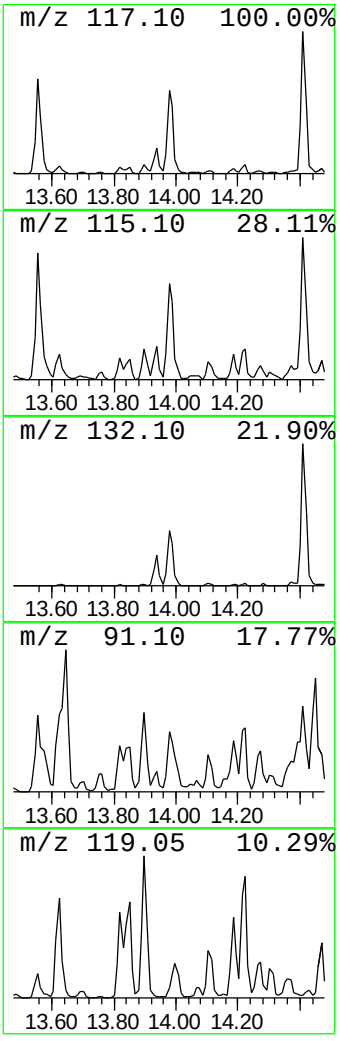
****

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.25 ug/l	473727	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	74
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

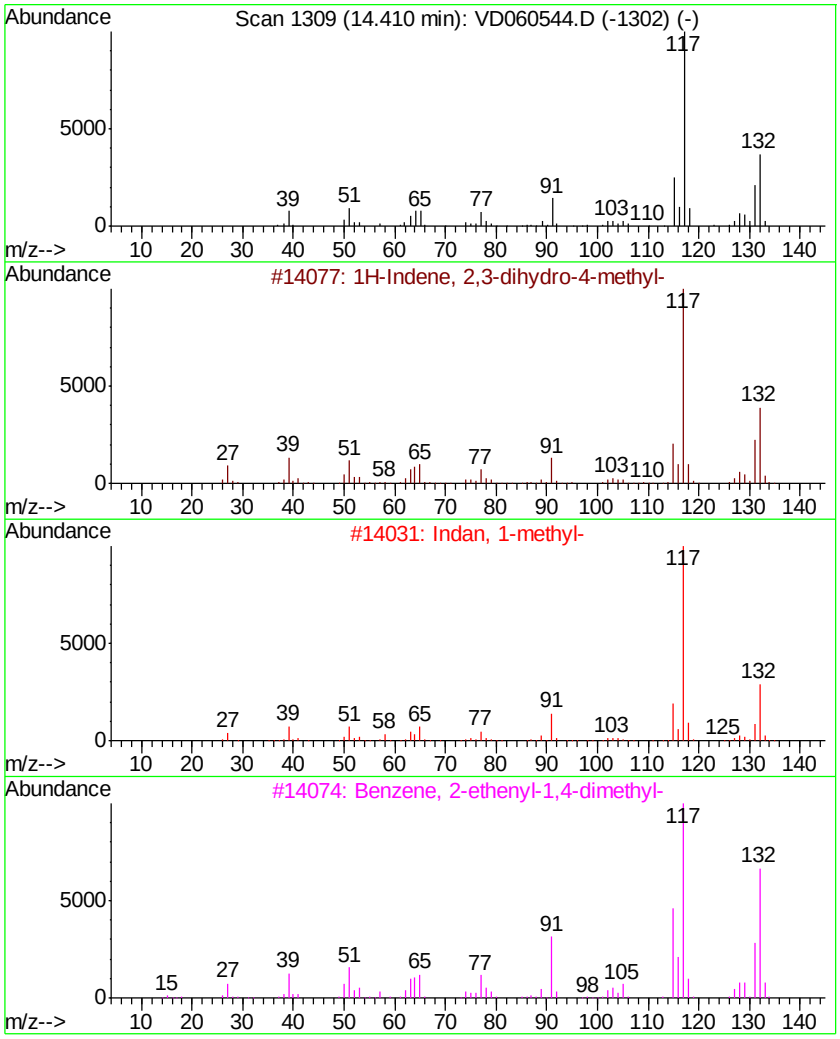
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

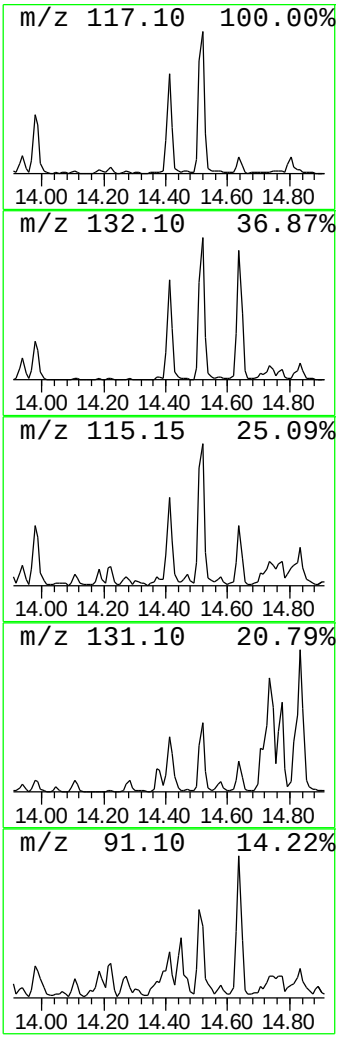
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	8.67 ug/l	781918	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

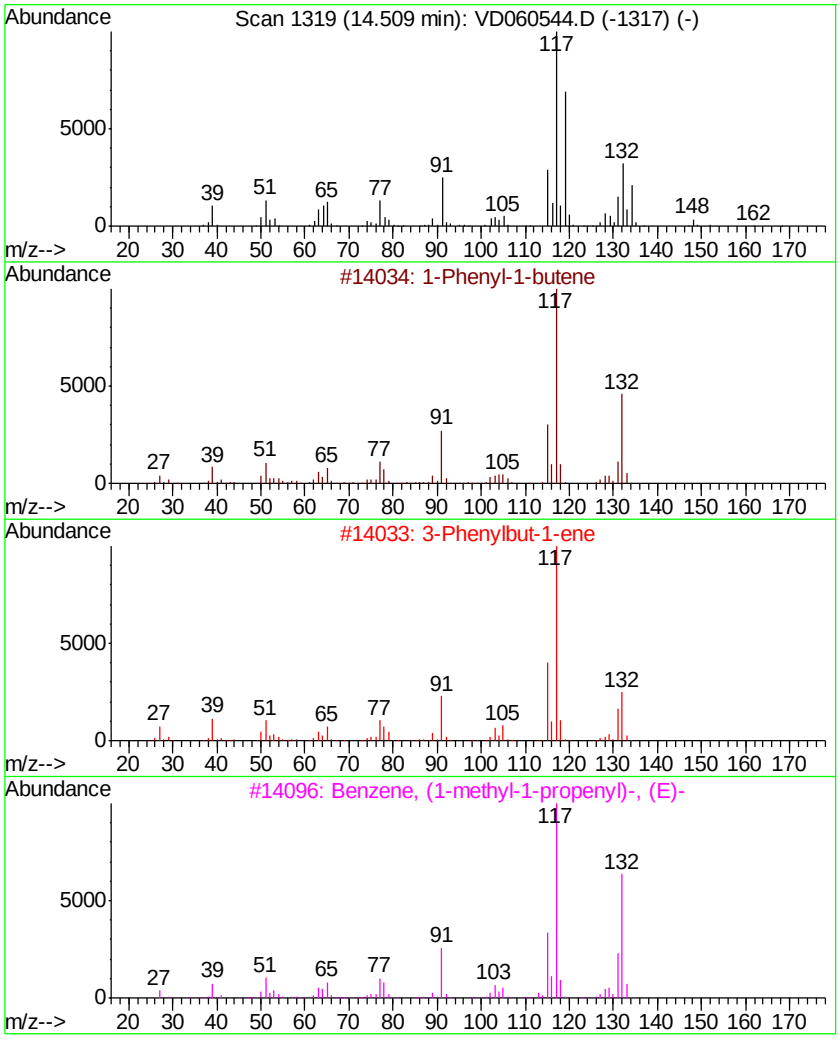
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

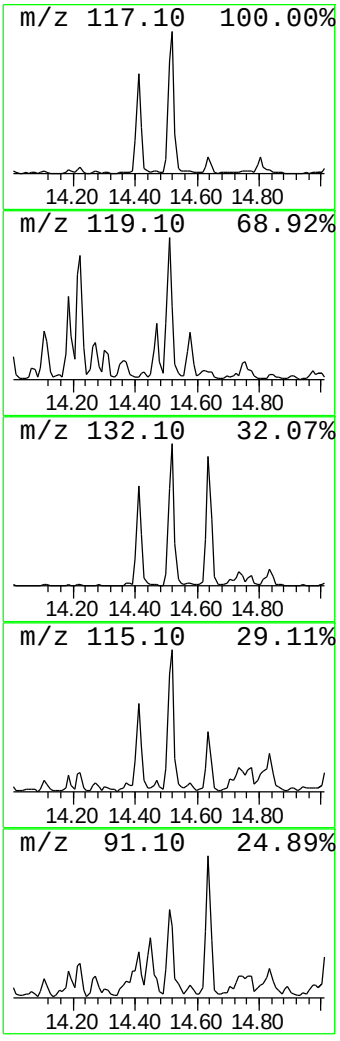
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	15.20 ug/l	1370900	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70





Library Search Compound Report

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Sample : J6189-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

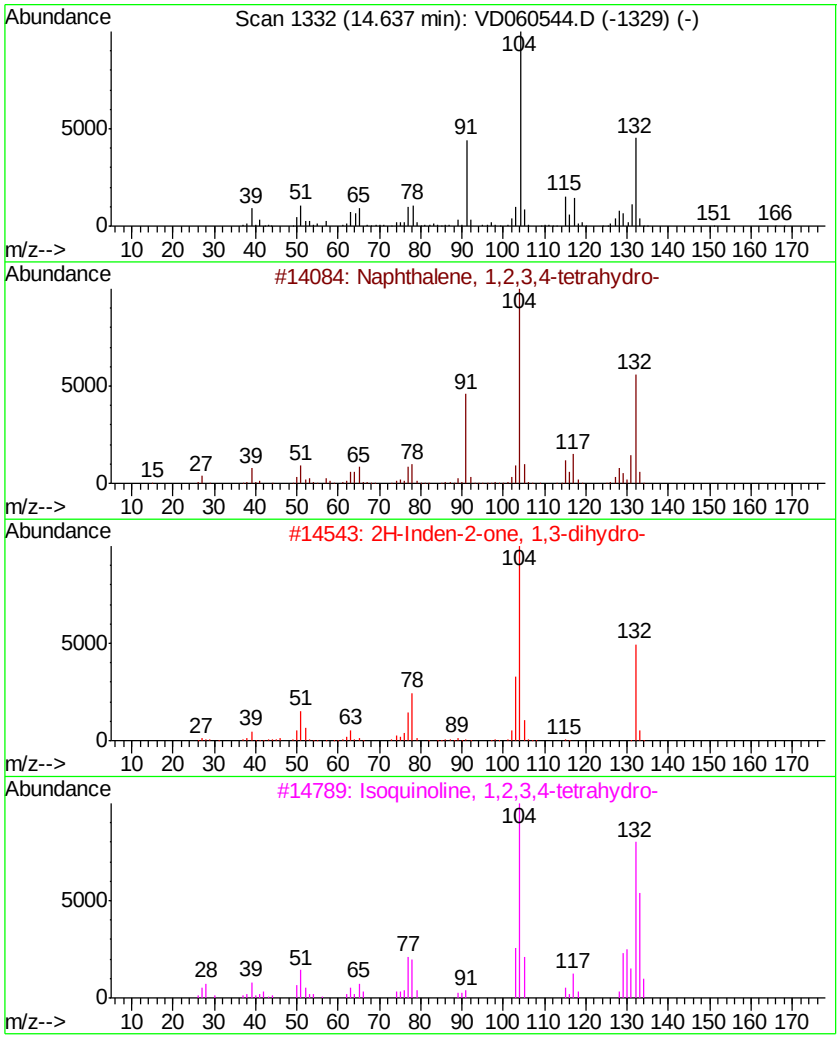
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

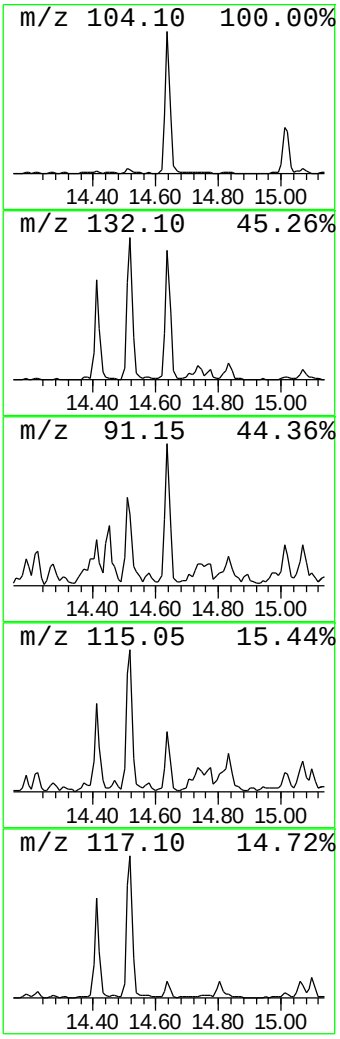
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	8.65 ug/l	779965	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	42
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	42





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Data File : VD060544.D
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Operator : VA/AP
Sample : J6189-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

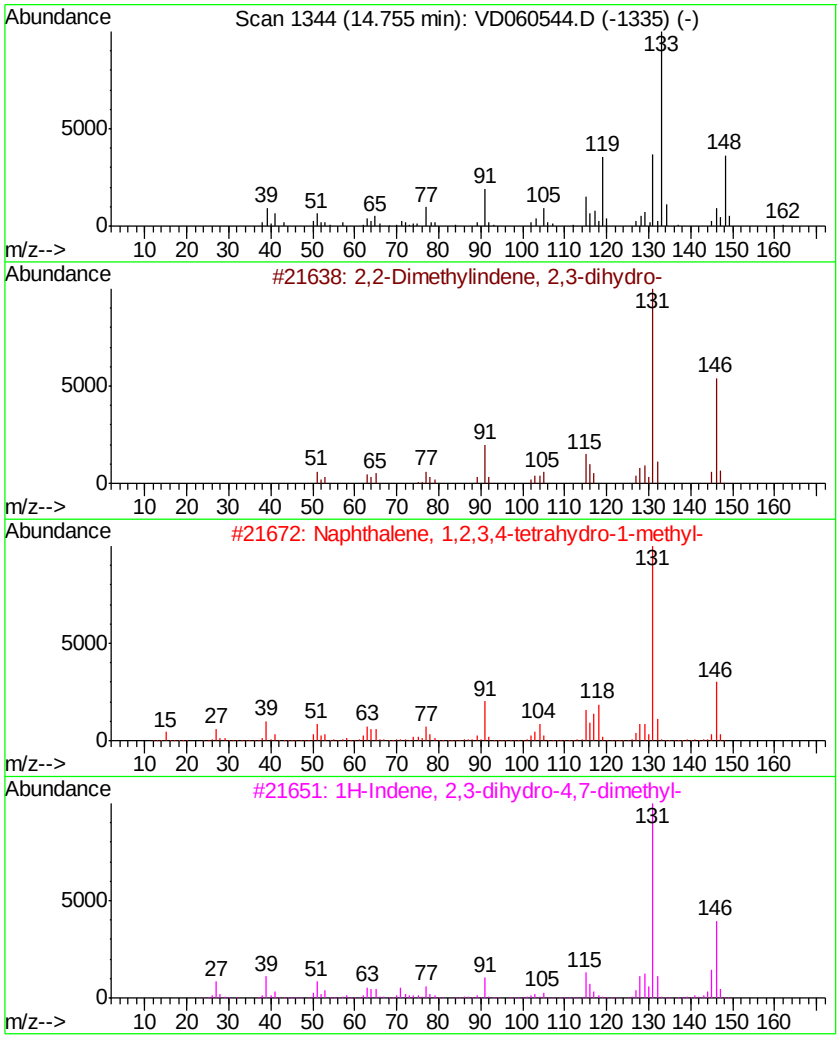
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

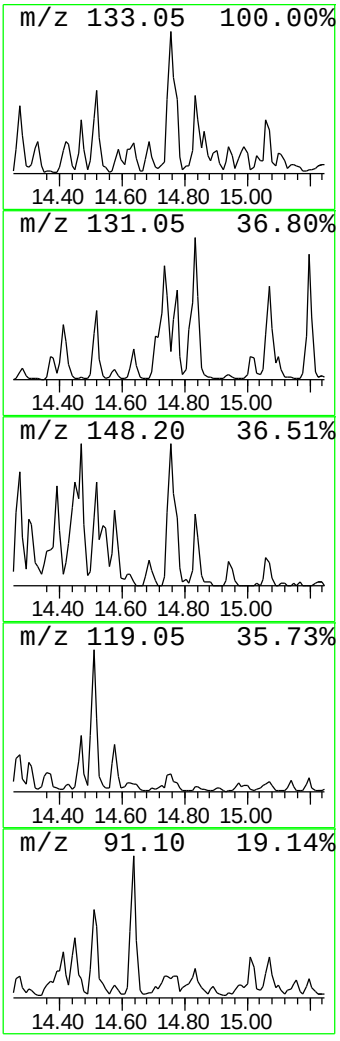
****

Peak Number 6 2,2-Dimethylindene, 2,3-dih... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.55 ug/l	500167	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

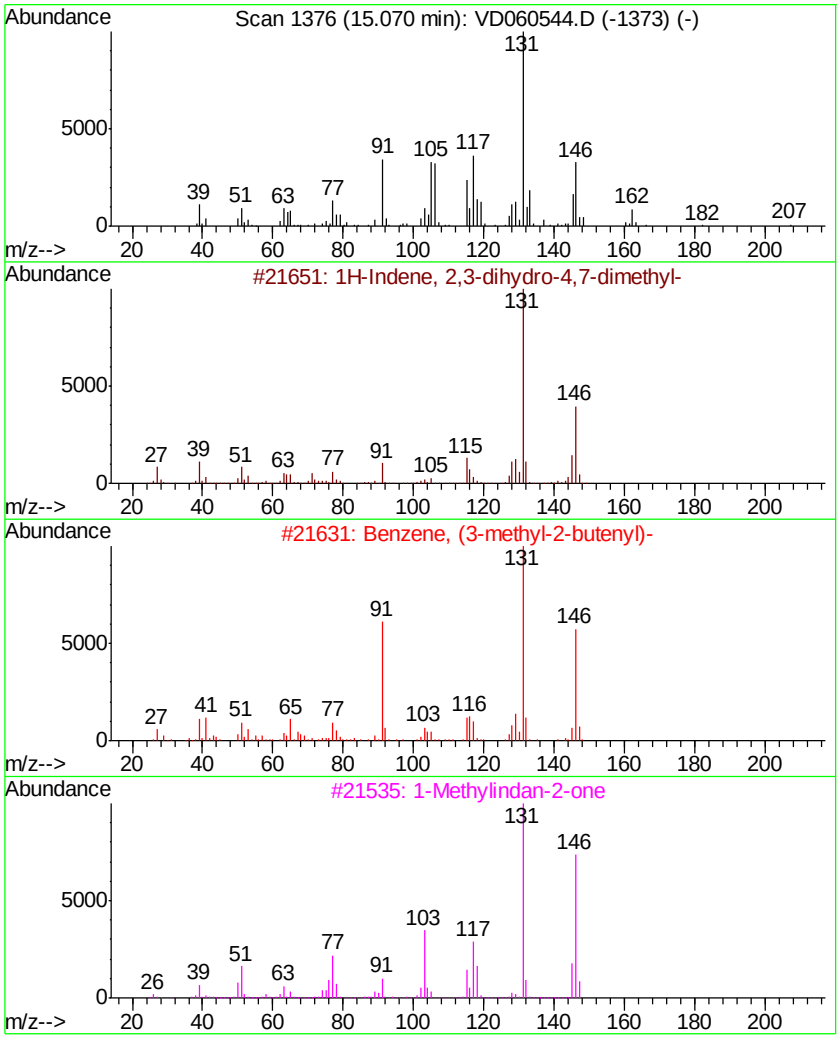
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

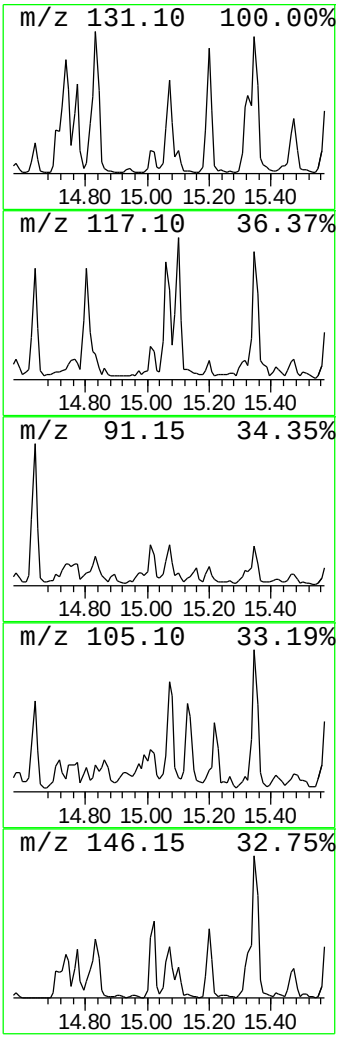
****

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.29 ug/l	567191	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	70
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

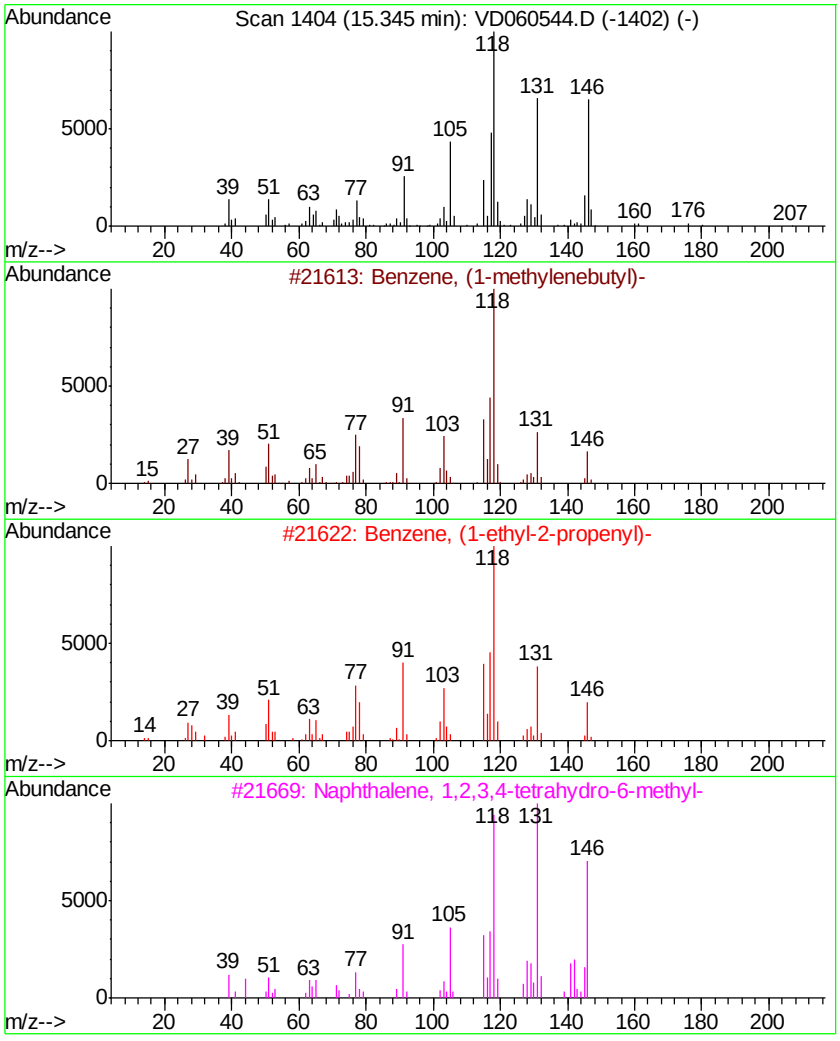
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

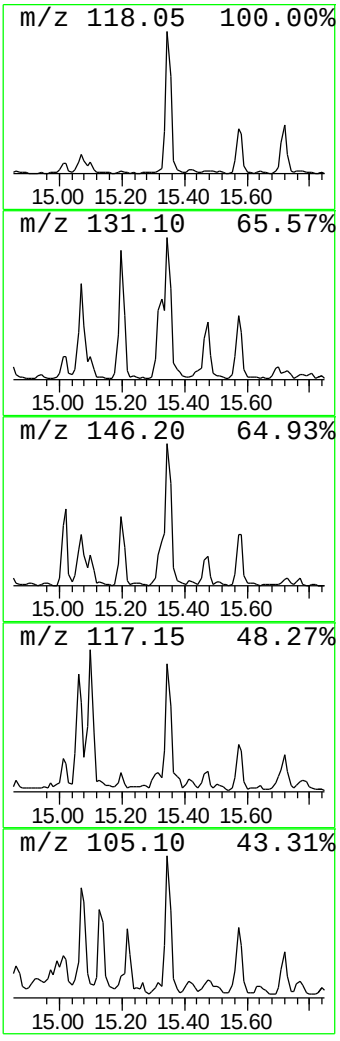
****

Peak Number 8 Benzene, (1-methylenebutyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	6.70 ug/l	604624	1,4-Dichlorobenzene-d4	13.37

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	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
5	2(1H)-Quinazolinone	146	C8H6N2O	007471-58-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	13.55	8.0	ug/l	719762	4	13.37	4509170	50.0
Benzene, 1-etheny...	13.98	5.3	ug/l	473727	4	13.37	4509170	50.0
1H-Indene, 2,3-di...	14.41	8.7	ug/l	781918	4	13.37	4509170	50.0
1-Phenyl-1-butene	14.51	15.2	ug/l	1370900	4	13.37	4509170	50.0
Naphthalene, 1,2,...	14.64	8.7	ug/l	779965	4	13.37	4509170	50.0
2,2-Dimethylinden...	14.75	5.5	ug/l	500167	4	13.37	4509170	50.0
1H-Indene, 2,3-di...	15.07	6.3	ug/l	567191	4	13.37	4509170	50.0
Benzene, (1-methy...	15.35	6.7	ug/l	604624	4	13.37	4509170	50.0