LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

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\82D100118S.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	1.823	28	30	38	rVB2	28297	61472	1.79%	0.208%
2	2.502	96	99	105	rVB2	22143	45364	1.32%	0.153%
3	3.151	160	165	171	rBV	27186	83693	2.44%	0.283%
4	3.545	200	205	211	rBV	16780	47980	1.40%	0.162%
5	3.712	216	222	235	rVV	244978	687038	20.06%	2.322%
6	4.509	294	303	309	rBV2	17193	53623	1.57%	0.181%
7	5.641	411	418	425	rBV3	12153	46352	1.35%	0.157%
8	6.320	480	487	491	rBV	862070	2203974	64.34%	7.449%
9	6.399	491	495	512	rVB	947735	2580050	75.31%	8.720%
10	6.782	528	534	549	rBV	707185	1786155	52.14%	6.037%
11	7.432	595	600	621	rBV	1408689	3425763	100.00%	11.578%
12	9.449	800	805	812	rBV	1315090	2905450	84.81%	9.819%
13	9.548	812	815	819	rVB	19728	46030	1.34%	0.156%
14	10.197	875	881	887	rBV	103989	271897	7.94%	0.919%
15	11.280	987	991	1000	rBV	1331891	2202098	64.28%	7.442%
16	12.274	1088	1092	1096	rVB	131682	226762	6.62%	0.766%
17	12.431	1104	1108	1111	rVV	919210	1308396	38.19%	4.422%
18	12.480	1111	1113	1115	rVV	37495	62894	1.84%	0.213%
19	12.520	1115	1117	1119	rVV2	46792	67807	1.98%	0.229%
20	12.569	1119	1122	1127	rVB	57633	101141	2.95%	0.342%
21	12.775	1137	1143	1146	rBV	141277	209940	6.13%	0.710%
22	12.834	1146	1149	1152	rVB3	29856	68414	2.00%	0.231%
23	13.258	1189	1192	1195	rBV5	28650	55908	1.63%	0.189%
24	13.307	1195	1197	1199	rBV	37596	46191	1.35%	0.156%
25	13.376	1201	1204	1208	rVB	715836	946348	27.62%	3.198%
26	13.474	1209	1214	1219	rVB4	52666	117114	3.42%	0.396%
27	13.622	1227	1229	1231	rBV	32517	37853	1.10%	0.128%
28	13.661	1231	1233	1235	rBV2	86741	145746	4.25%	0.493%
29	13.740	1239	1241	1244	rVV3	23378	40593	1.18%	0.137%
30	13.858	1250	1253	1255	rBV2	78744	142291	4.15%	0.481%
31	13.897	1255	1257	1261	rVB3	53598	105509	3.08%	0.357%
32	13.966	1261	1264	1268	rBV5	50027	141982	4.14%	0.480%
33	14.074	1268	1275	1278	rVB8	83724	217128	6.34%	0.734%
34	14.133	1278	1281	1283	rBV2	246479	343042	10.01%	1.159%

LSC Area Percent Report

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Data File : VD060190.D
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Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

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\82D100118S.M
Title : SW846 8260

35	14.193	1284	1287	1290	rBV	164796	217308	6.34%	0.734%
36	14.242	1290	1292	1293	rBV	48432	62347	1.82%	0.211%
37	14.281	1293	1296	1298	rBV2	185313	241249	7.04%	0.815%
38	14.340	1298	1302	1306	rBV	702212	1111310	32.44%	3.756%
39	14.429	1308	1311	1312	rBV2	116991	159901	4.67%	0.540%
40	14.557	1317	1324	1326	rBV5	294409	609689	17.80%	2.061%
41	14.596	1326	1328	1330	rBV3	125411	202275	5.90%	0.684%
42	14.655	1331	1334	1339	rBV3	481647	960346	28.03%	3.246%
43	14.734	1339	1342	1344	rBV3	295372	501669	14.64%	1.695%
44	14.822	1344	1351	1353	rBV5	265767	849298	24.79%	2.870%
45	14.891	1355	1358	1362	rBV5	303974	607184	17.72%	2.052%
46	14.940	1362	1363	1365	rBV2	171985	240187	7.01%	0.812%
47	14.990	1366	1368	1370	rBV2	278449	379657	11.08%	1.283%
48	15.029	1370	1372	1373	rBV	226264	304599	8.89%	1.029%
49	15.137	1381	1383	1385	rBV2	316741	427476	12.48%	1.445%
50	15.216	1389	1391	1393	rBV2	258081	437934	12.78%	1.480%
51	15.265	1393	1396	1398	rBV3	258093	426722	12.46%	1.442%
52	15.334	1401	1403	1404	rBV2	249709	348834	10.18%	1.179%
53	16.377	1507	1509	1527	rVB6	147033	633135	18.48%	2.140%
54	16.968	1565	1569	1574	rVB7	13086	35725	1.04%	0.121%

Sum of corrected areas: 29588843

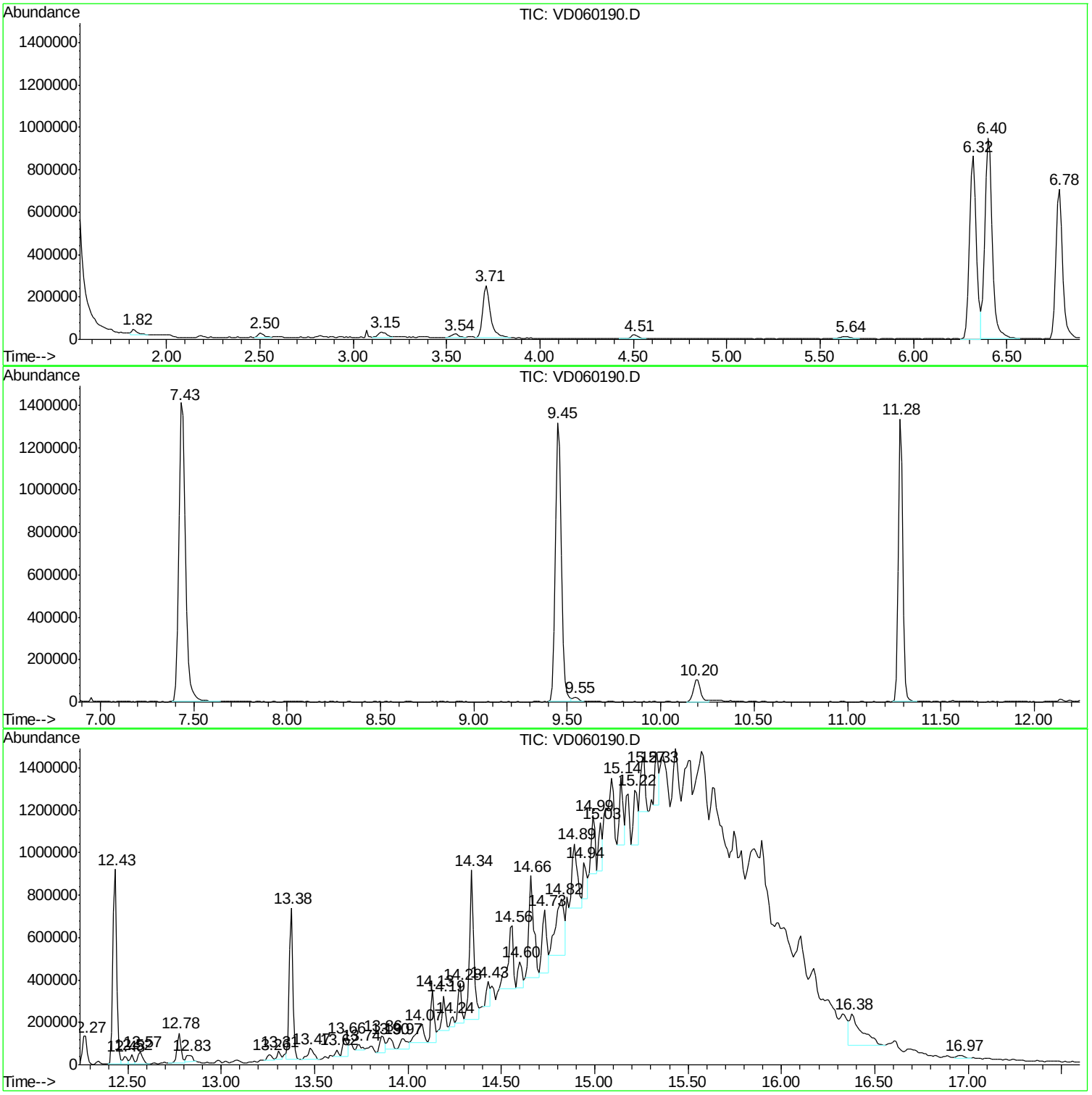
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

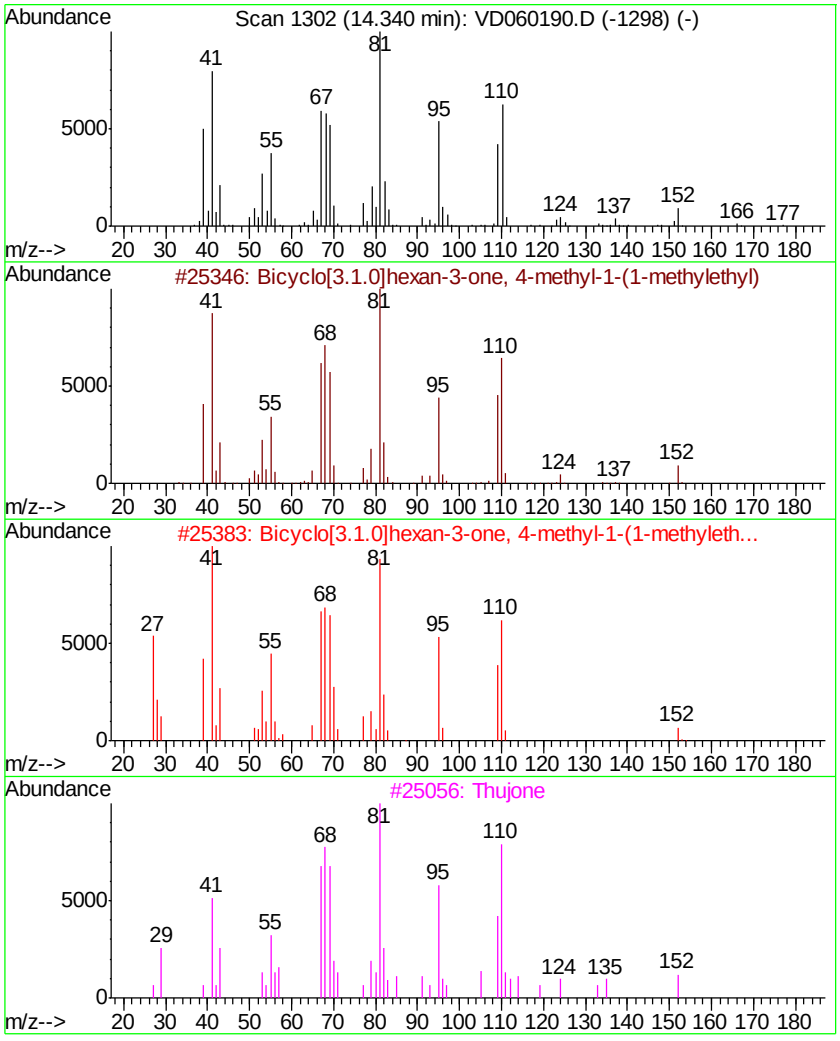
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

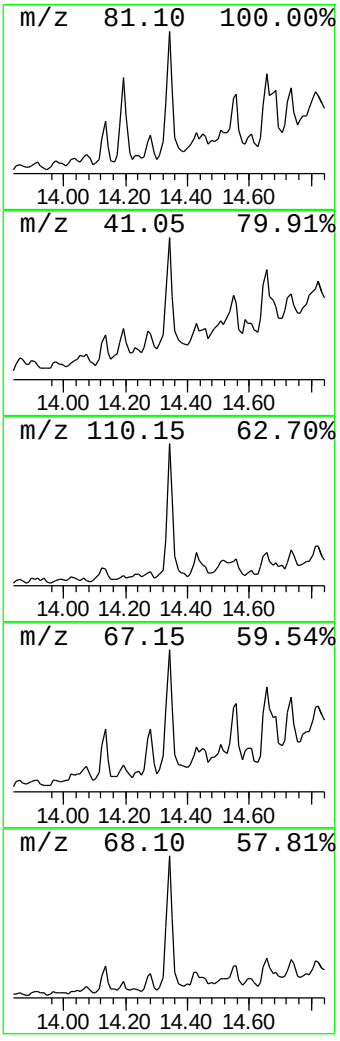
****

Peak Number 1 Bicyclo[3.1.0]hexan-3-one, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	58.72 ug/l	1111310	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	97
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	95
3	Thujone	152	C10H16O	000546-80-5	94
4	3,5-Octadiene, (Z,Z)-	110	C8H14	007348-80-3	64
5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

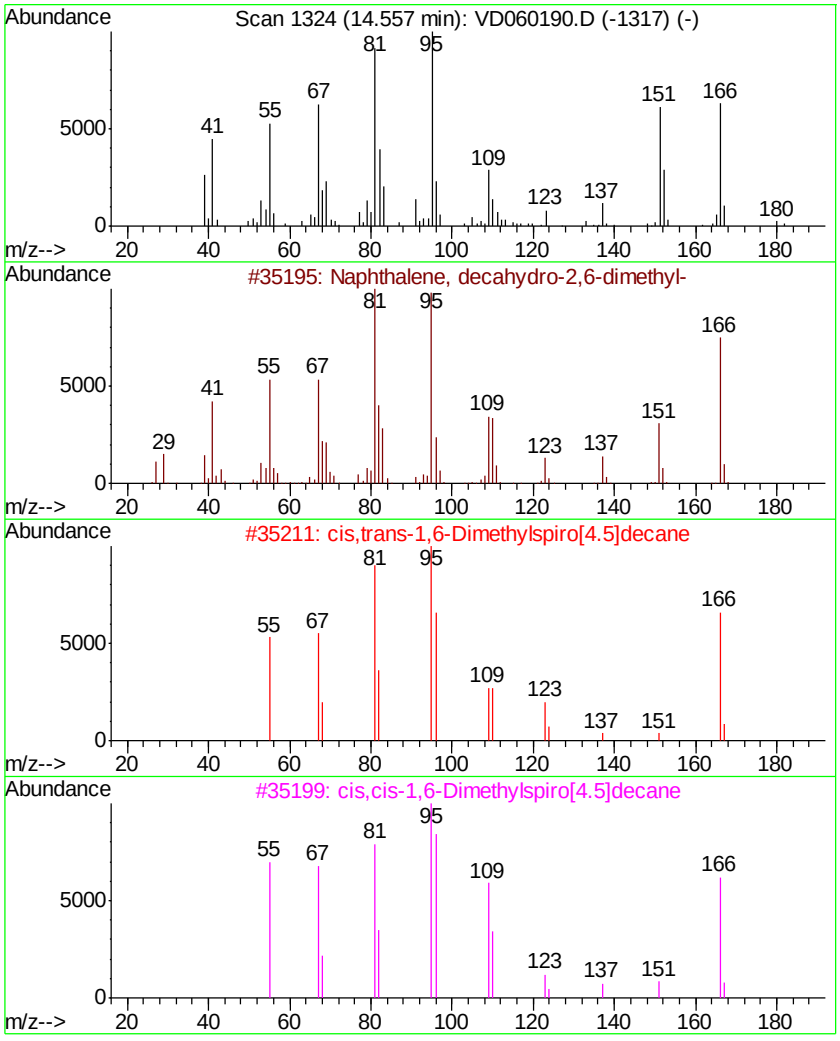
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

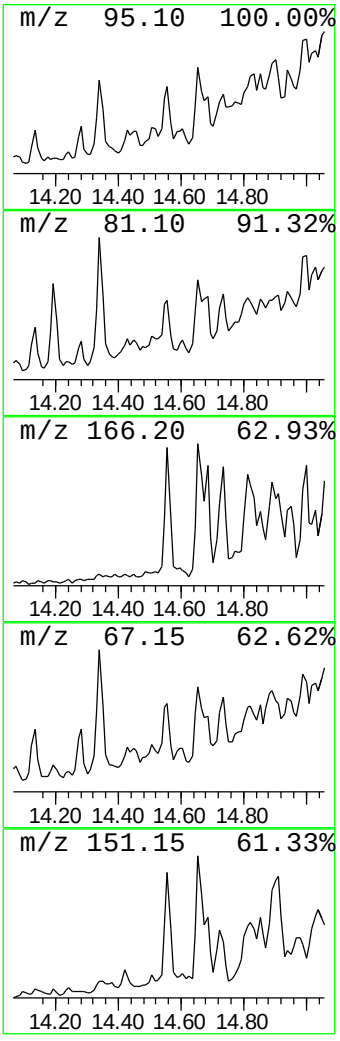
****

Peak Number 2 Naphthalene, decahydro-2,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	32.21 ug/l	609689	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	91
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	81
3	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	68
4	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	60
5	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

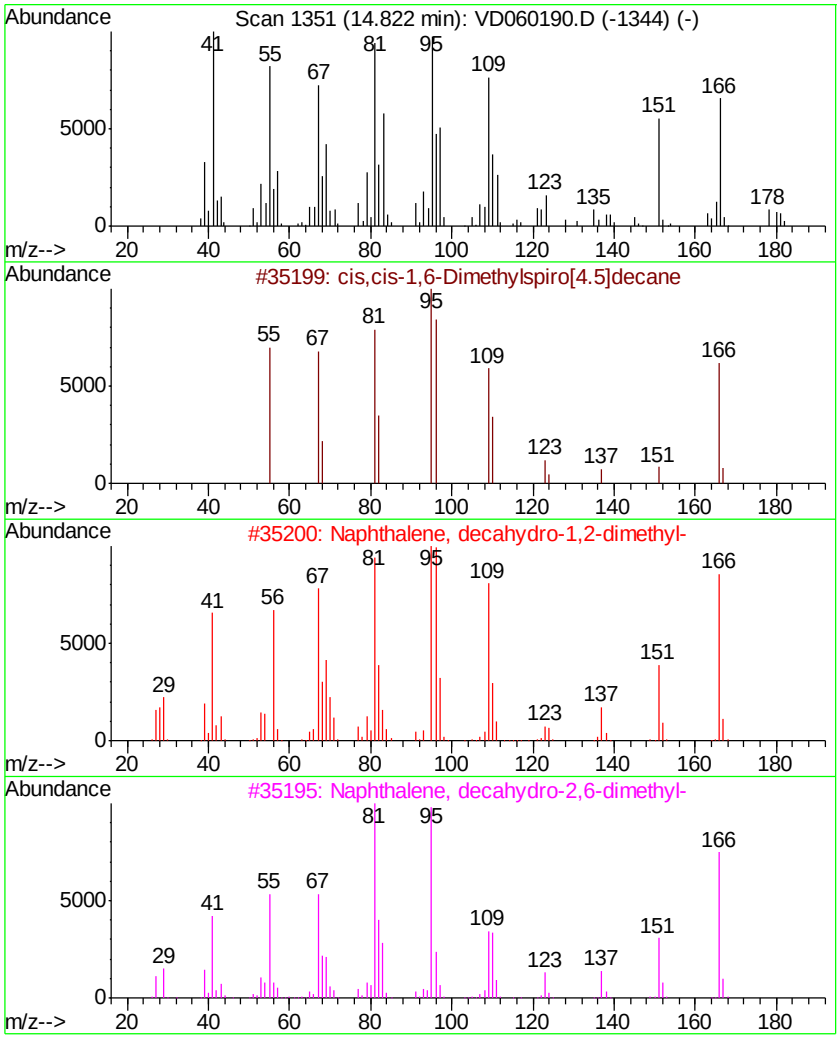
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

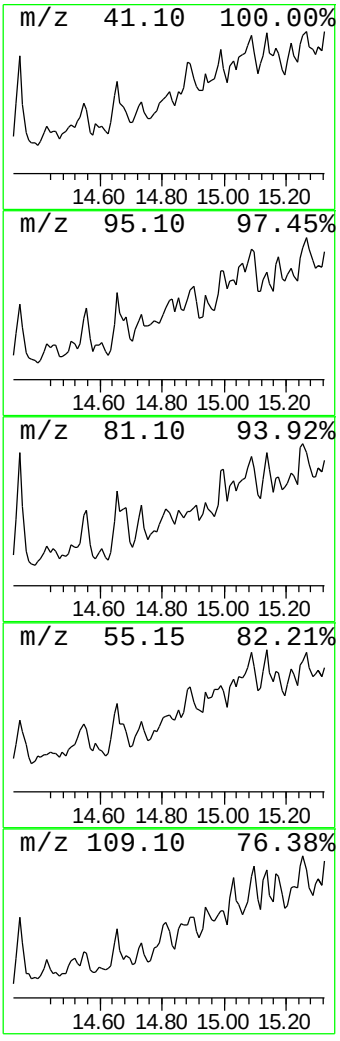
****

Peak Number 5 cis,cis-1,6-Dimethylspiro[4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	44.87 ug/l	849298	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	78
2	Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	62
3	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	49
4	2(1H)-Naphthalenone, octahydro-4...	166	C11H18O	000938-06-7	49
5	Cyclohexane, (2-ethyl-1-methyl-1...	180	C13H24	074810-42-7	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

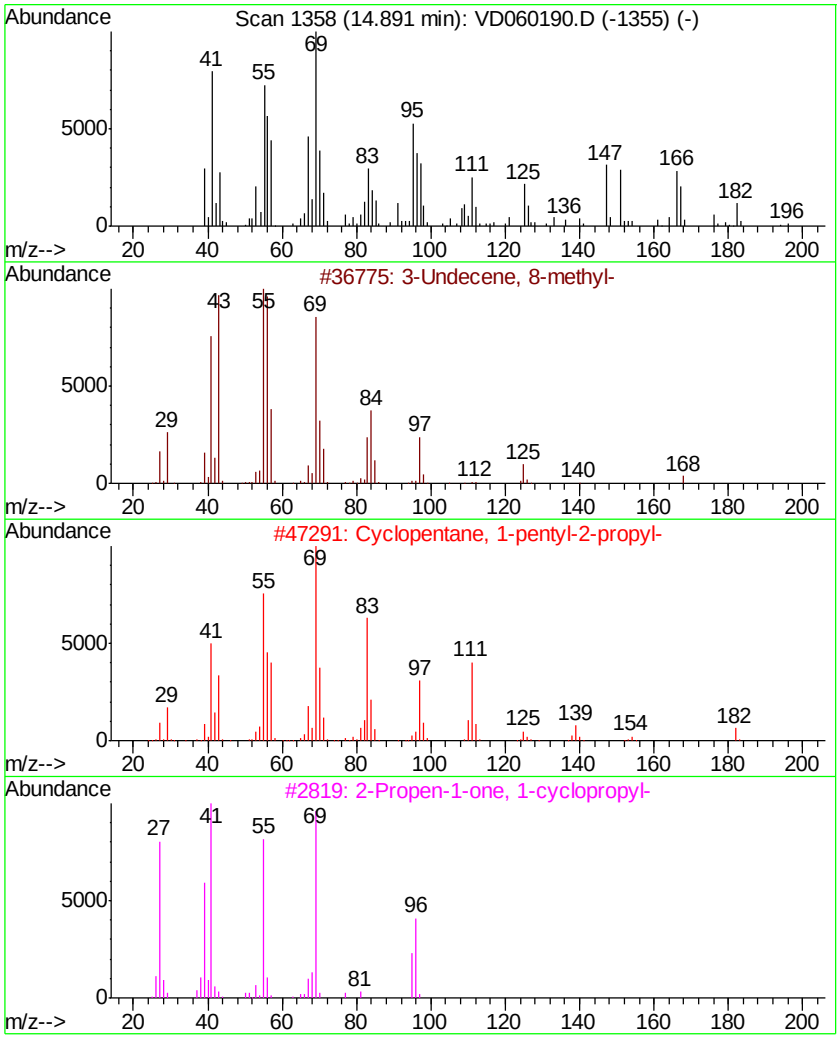
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

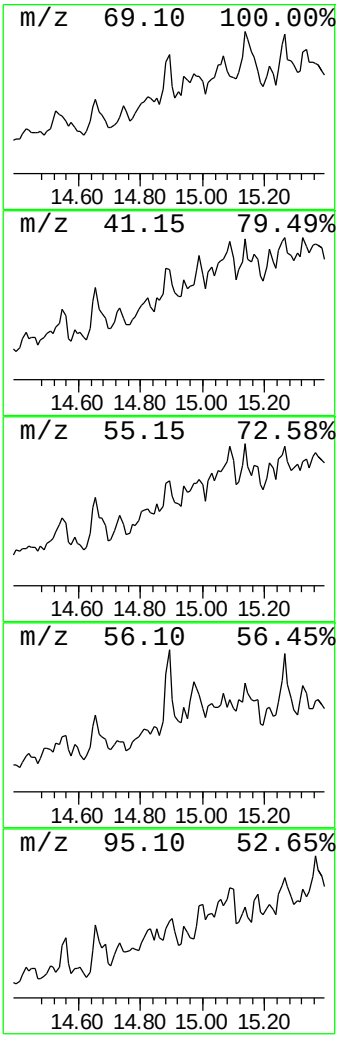
****

Peak Number 6 unknown14.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	32.08 ug/l	607184	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	38
2	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	30
3	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	30
4	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	27
5	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

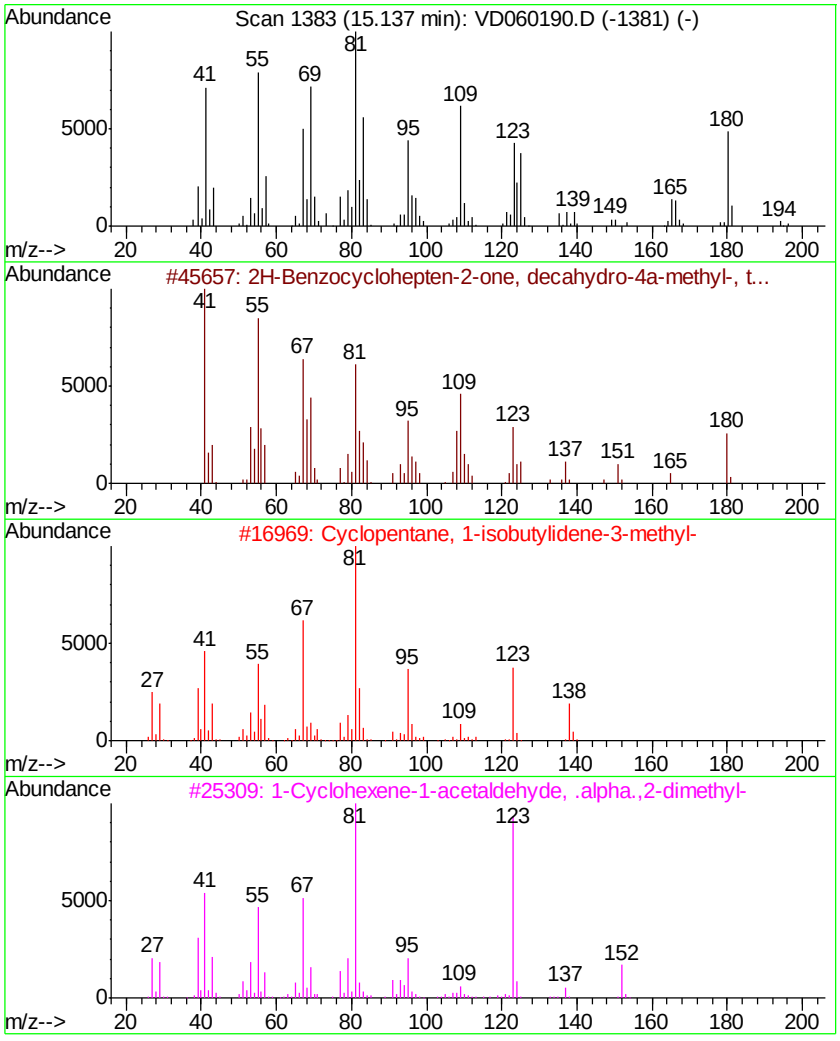
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

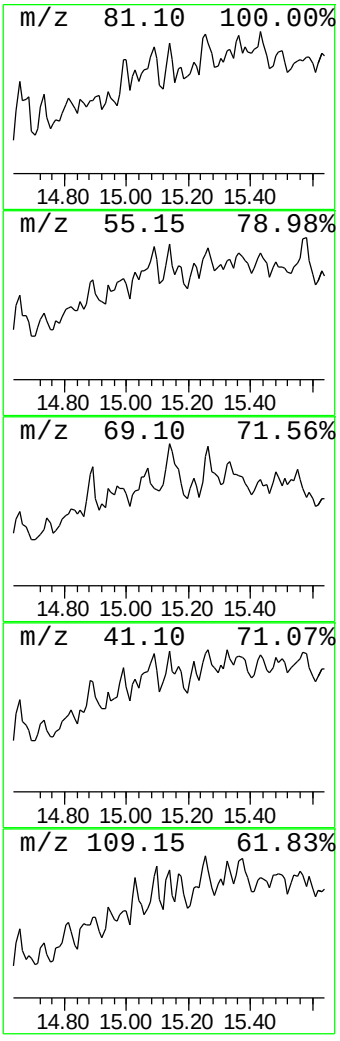
****

Peak Number 7 2H-Benzocyclohepten-2-one, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	22.59 ug/l	427476	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzocyclohepten-2-one, decah...	180	C12H20O	055103-64-5	53
2	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	43
3	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	35
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	30
5	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

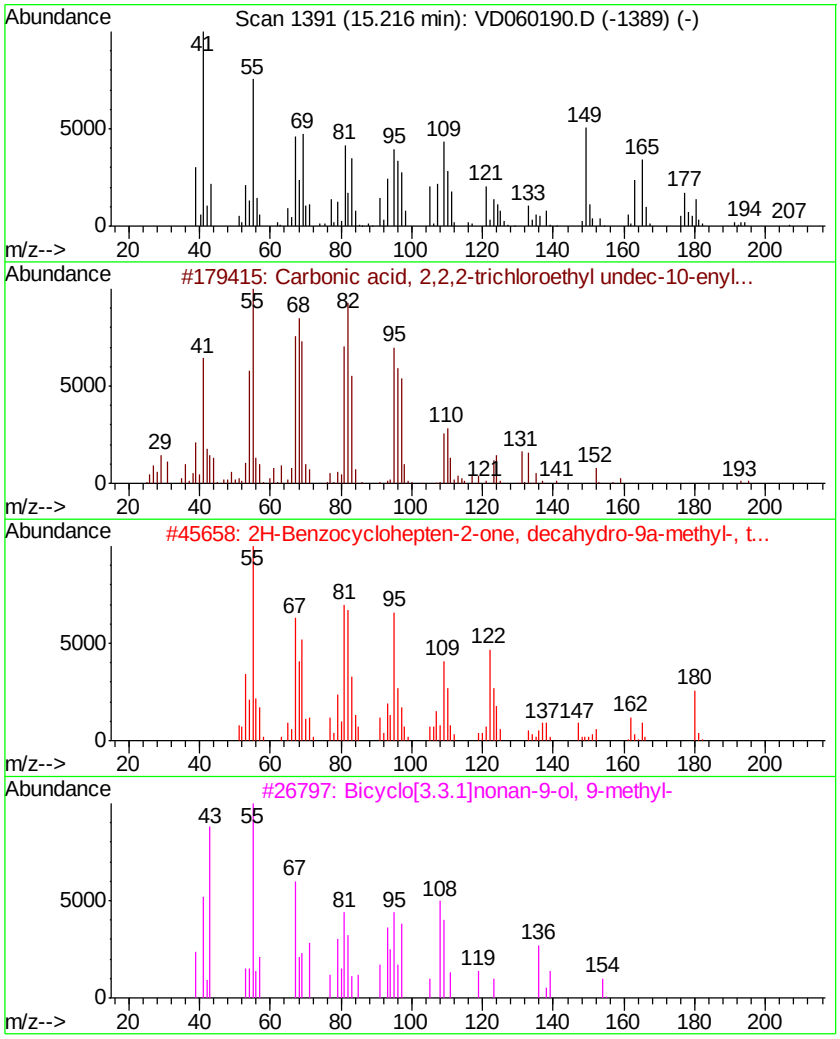
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

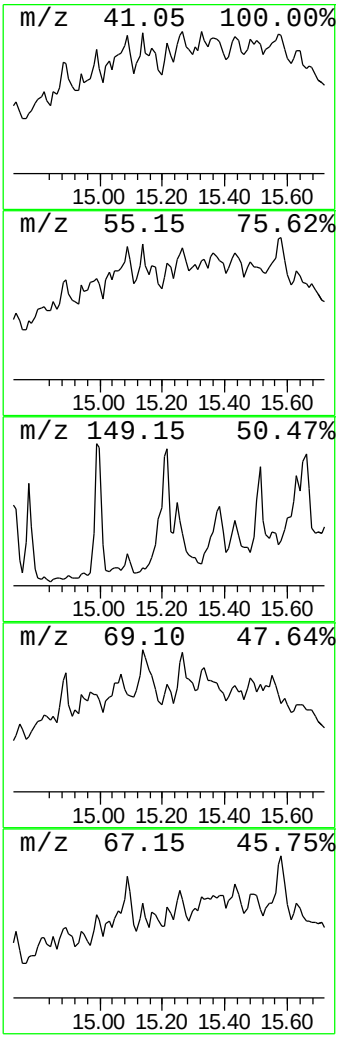
****

Peak Number 8 unknown15.22 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	23.14 ug/l	437934	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, 2,2,2-trichloroet...	344	C14H23Cl3O3	1000314-55-7	43
2	2H-Benzocyclohepten-2-one, decah...	180	C12H20O	055103-67-8	41
3	Bicyclo[3.3.1]nonan-9-ol, 9-methyl-	154	C10H18O	033832-25-6	35
4	1,11-Dodecadiene	166	C12H22	005876-87-9	30
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

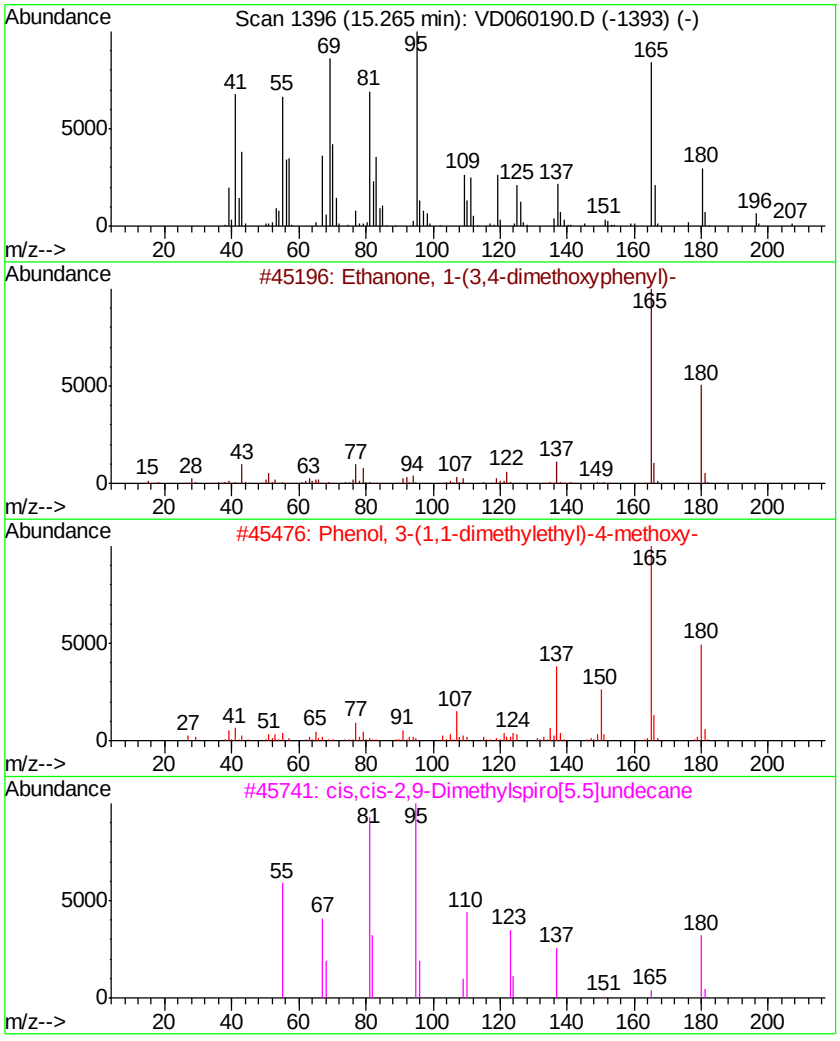
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

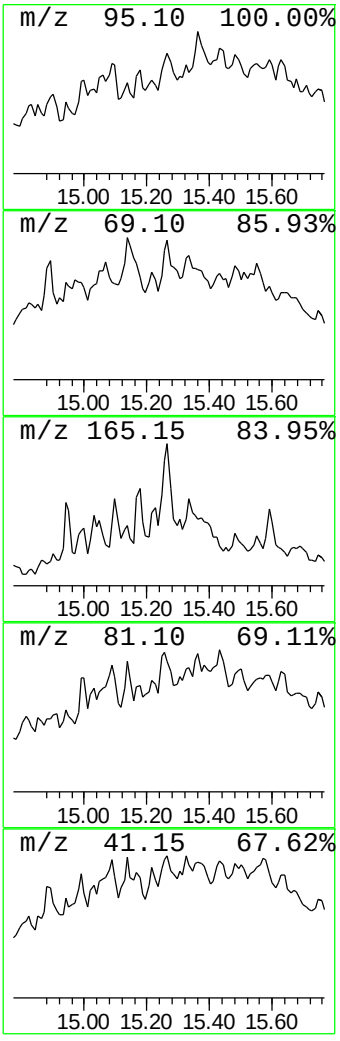
****

Peak Number 9 unknown15.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	22.55 ug/l	426722	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	18
2	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	18
3	cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	18
4	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	18
5	Ethanone, 1-(2,5-dimethoxyphenyl)-	180	C10H12O3	001201-38-3	18





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
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Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

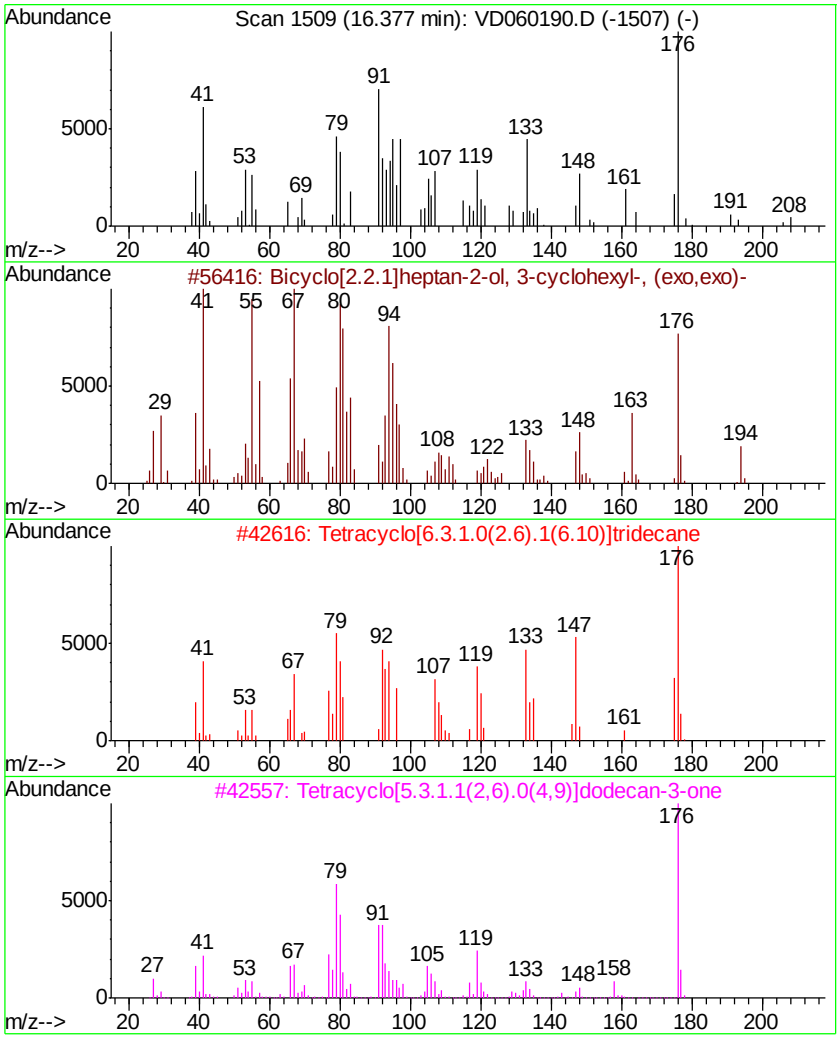
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

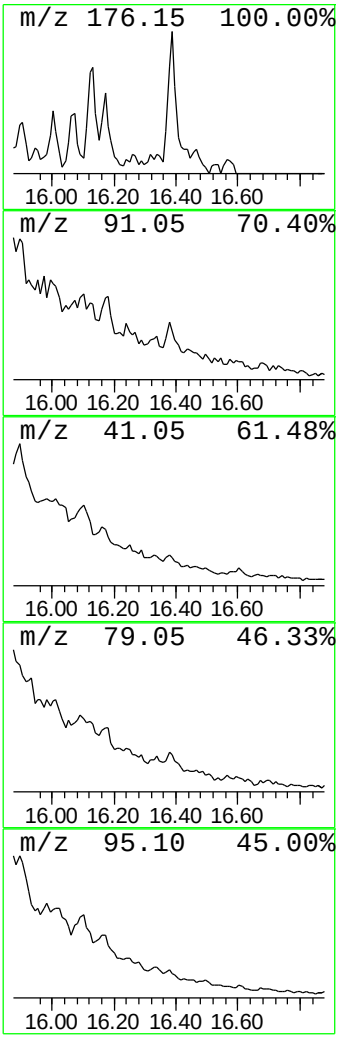
****

Peak Number 10 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	33.45 ug/l	633135	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 3-cyc...	194	C13H22O	038935-70-5	50
2	Tetracyclo[6.3.1.0(2,6).1(6,10)]...	176	C13H20	1000215-30-3	47
3	Tetracyclo[5.3.1.1(2,6).0(4,9)]d...	176	C12H16O	057790-48-4	35
4	2H-1-Benzopyran-2-one, 8-methoxy-	176	C10H8O3	002445-81-0	27
5	1-(propen-1-yl)adamantane	176	C13H20	022943-89-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200030

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.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
Bicyclo[3.1.0]hex...	14.34	58.7	ug/l	1111310	4	13.38	946348	50.0
Naphthalene, deca...	14.56	32.2	ug/l	609689	4	13.38	946348	50.0
cis,cis-1,6-Dimet...	14.82	44.9	ug/l	849298	4	13.38	946348	50.0
unknown14.89	14.89	32.1	ug/l	607184	4	13.38	946348	50.0
2H-Benzocycloheptt...	15.14	22.6	ug/l	427476	4	13.38	946348	50.0
unknown15.22	15.22	23.1	ug/l	437934	4	13.38	946348	50.0
unknown15.27	15.27	22.6	ug/l	426722	4	13.38	946348	50.0
Bicyclo[2.2.1]hep...	16.38	33.5	ug/l	633135	4	13.38	946348	50.0