LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061690.D
Acq On : 9 Apr 2019 22:20
Operator : VA/AP
Sample : K2316-07
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190175-AMND-COMP-CS-2

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\82D040619S.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	1.982	53	57	65	rVB2	8802	24795	1.49%	0.198%
2	2.130	68	72	79	rBV4	9565	29547	1.78%	0.236%
3	3.292	180	190	199	rBV2	449714	1245860	75.08%	9.937%
4	3.410	199	202	215	rVB	65022	185541	11.18%	1.480%
5	3.853	242	247	258	rBV	31199	90434	5.45%	0.721%
6	4.749	331	338	342	rBV3	5532	17548	1.06%	0.140%
7	5.792	435	444	451	rBV3	7313	28010	1.69%	0.223%
8	6.964	557	563	569	rBV2	23205	65879	3.97%	0.525%
9	7.082	569	575	593	rVB	414266	1174369	70.77%	9.367%
10	7.485	610	616	634	rVB	185549	536660	32.34%	4.281%
11	8.253	688	694	708	rBV	568331	1461886	88.10%	11.660%
12	9.582	823	829	835	rVB	10110	26017	1.57%	0.208%
13	9.759	841	847	852	rBV2	18177	52177	3.14%	0.416%
14	10.439	911	916	925	rVB	746188	1659376	100.00%	13.236%
15	11.226	992	996	1008	rVB4	8756	30172	1.82%	0.241%
16	12.388	1110	1114	1122	rBV	866714	1465351	88.31%	11.688%
17	12.545	1127	1130	1134	rVB2	12827	25626	1.54%	0.204%
18	12.673	1140	1143	1146	rBV3	9297	21928	1.32%	0.175%
19	12.919	1164	1168	1174	rVB3	9495	24547	1.48%	0.196%
20	13.018	1174	1178	1181	rBV4	13331	31499	1.90%	0.251%
21	13.067	1181	1183	1185	rVV	13596	21707	1.31%	0.173%
22	13.107	1185	1187	1190	rVV	83713	140259	8.45%	1.119%
23	13.156	1190	1192	1196	rVV2	21964	43617	2.63%	0.348%
24	13.234	1196	1200	1203	rVB3	25038	48782	2.94%	0.389%
25	13.323	1203	1209	1215	rBV6	23891	70187	4.23%	0.560%
26	13.422	1215	1219	1222	rVB	62224	97731	5.89%	0.780%
27	13.520	1222	1229	1231	rBV4	33516	109423	6.59%	0.873%
28	13.569	1231	1234	1239	rVV	625264	927296	55.88%	7.396%
29	13.668	1241	1244	1247	rVV2	45021	83445	5.03%	0.666%
30	13.727	1247	1250	1252	rVB2	42607	58215	3.51%	0.464%
31	13.776	1252	1255	1258	rVB	80020	104560	6.30%	0.834%
32	13.855	1258	1263	1266	rBV2	60866	99422	5.99%	0.793%
33	13.914	1266	1269	1271	rBV4	21267	41011	2.47%	0.327%
34	13.983	1273	1276	1278	rVV2	29983	53792	3.24%	0.429%

LSC Area Percent Report

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Instrument : MSVOA_D
ClientSampleId : 20190175-AMND-COMP-CS-2

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\82D040619S.M
Title : SW846 8260

35	14.022	1278	1280	1283	rVB2	29424	41712	2.51%	0.333%
36	14.071	1283	1285	1287	rBV	16146	19654	1.18%	0.157%
37	14.140	1287	1292	1295	rBV4	20051	42878	2.58%	0.342%
38	14.199	1295	1298	1301	rBV2	36649	61515	3.71%	0.491%
39	14.248	1301	1303	1310	rVB2	36109	64184	3.87%	0.512%
40	14.386	1314	1317	1318	rBV	14138	20412	1.23%	0.163%
41	14.426	1318	1321	1329	rVB3	53023	110188	6.64%	0.879%
42	14.534	1329	1332	1335	rBV	590924	810395	48.84%	6.464%
43	14.613	1337	1340	1341	rVV	28383	36469	2.20%	0.291%
44	14.642	1341	1343	1347	rVB2	26210	41193	2.48%	0.329%
45	14.790	1355	1358	1359	rBV2	16680	23605	1.42%	0.188%
46	14.819	1359	1361	1364	rBV3	35797	50842	3.06%	0.406%
47	14.908	1367	1370	1373	rBV4	28702	59726	3.60%	0.476%
48	14.957	1373	1375	1377	rVB2	17747	24031	1.45%	0.192%
49	15.026	1379	1382	1384	rBV2	14486	21397	1.29%	0.171%
50	15.066	1384	1386	1388	rVB2	14823	17812	1.07%	0.142%
51	15.125	1388	1392	1394	rBV2	39478	73758	4.44%	0.588%
52	15.213	1399	1401	1402	rBV2	14778	20687	1.25%	0.165%
53	15.292	1406	1409	1411	rBV3	26546	42196	2.54%	0.337%
54	15.351	1411	1415	1417	rVV4	17824	37367	2.25%	0.298%
55	15.390	1417	1419	1422	rVV2	19594	24770	1.49%	0.198%
56	15.440	1422	1424	1427	rVV3	35764	55074	3.32%	0.439%
57	15.489	1427	1429	1434	rVB3	44594	64360	3.88%	0.513%
58	15.686	1447	1449	1451	rVV2	31256	49225	2.97%	0.393%
59	15.784	1457	1459	1466	rVV3	40593	110510	6.66%	0.881%
60	15.922	1469	1473	1474	rVV4	12998	26615	1.60%	0.212%
61	16.011	1478	1482	1484	rVV2	11138	23327	1.41%	0.186%
62	16.060	1484	1487	1491	rVB5	8909	21351	1.29%	0.170%
63	16.158	1491	1497	1499	rBV3	13331	27527	1.66%	0.220%
64	16.237	1501	1505	1508	rVB4	11869	21826	1.32%	0.174%
65	16.532	1532	1535	1540	rVB	57585	78201	4.71%	0.624%
66	16.729	1552	1555	1560	rBV	240067	317682	19.14%	2.534%

Sum of corrected areas: 12537158

LSC Report - Integrated Chromatogram

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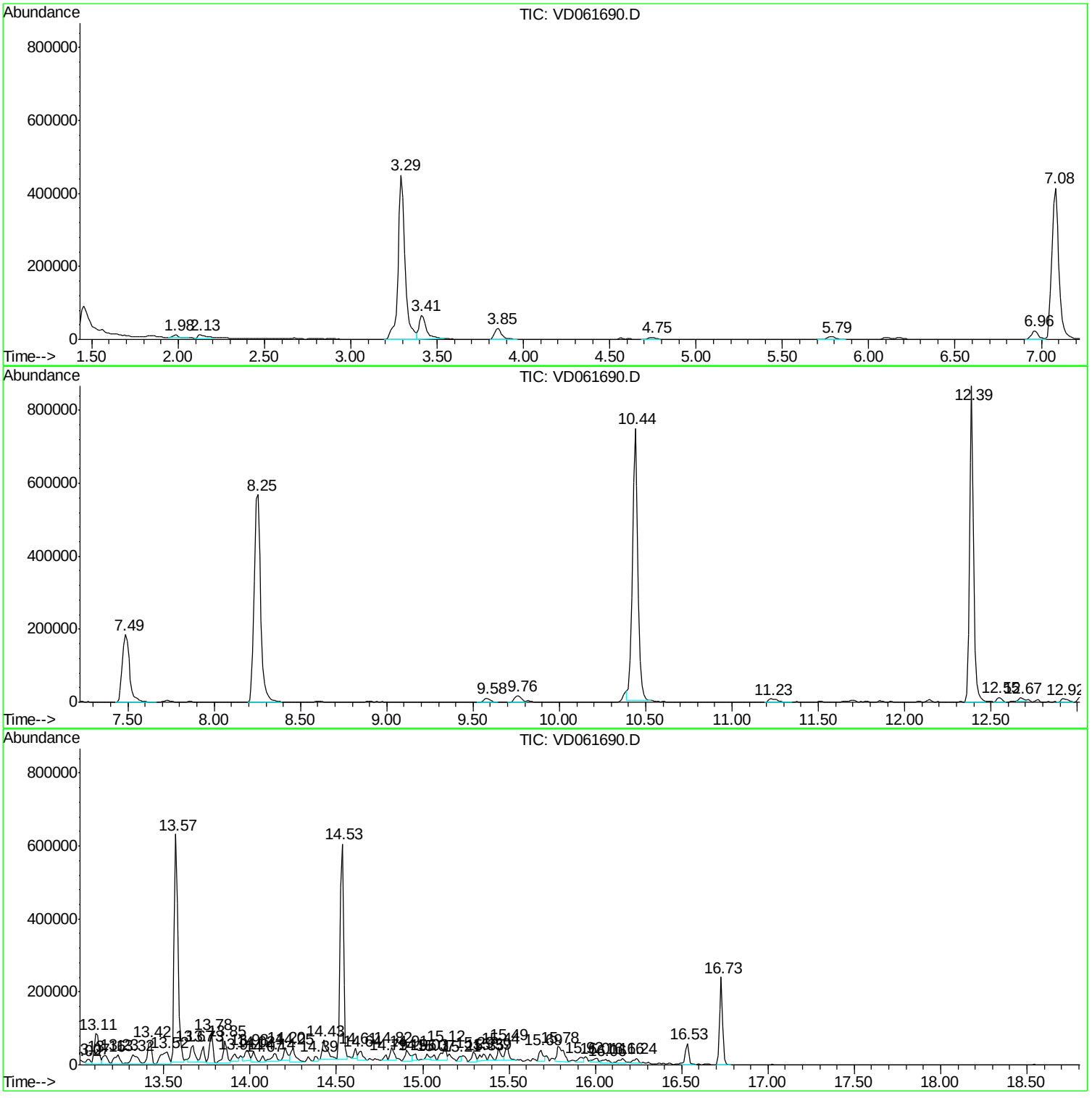
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190175-AMND-COMP-CS-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.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\VD040919\
Data File : VD061690.D
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Instrument : MSVOA_D
ClientSampleId : 20190175-AMND-COMP-CS-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

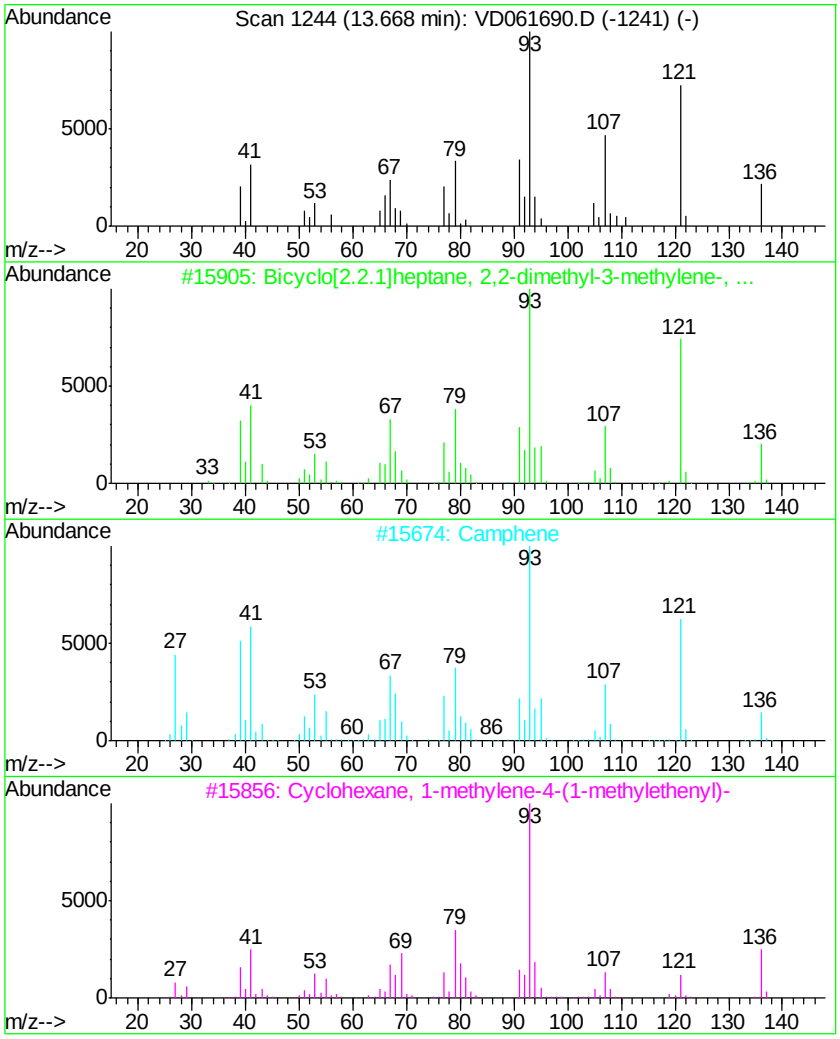
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

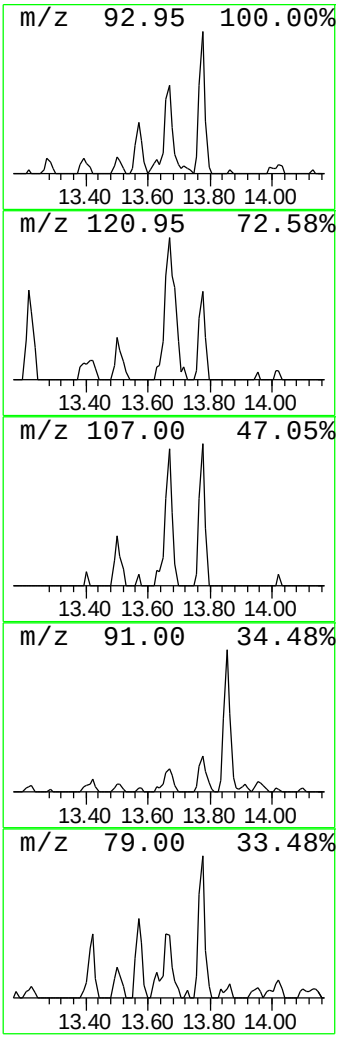
****

Peak Number 1 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.15 ug/l	83445	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	93
2	Camphene	136	C10H16	000079-92-5	87
3	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	64
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	58
5	Spiro[4.5]dec-1-ene	136	C10H16	000697-27-8	58





Library Search Compound Report

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Sample : K2316-07
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190175-AMND-COMP-CS-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

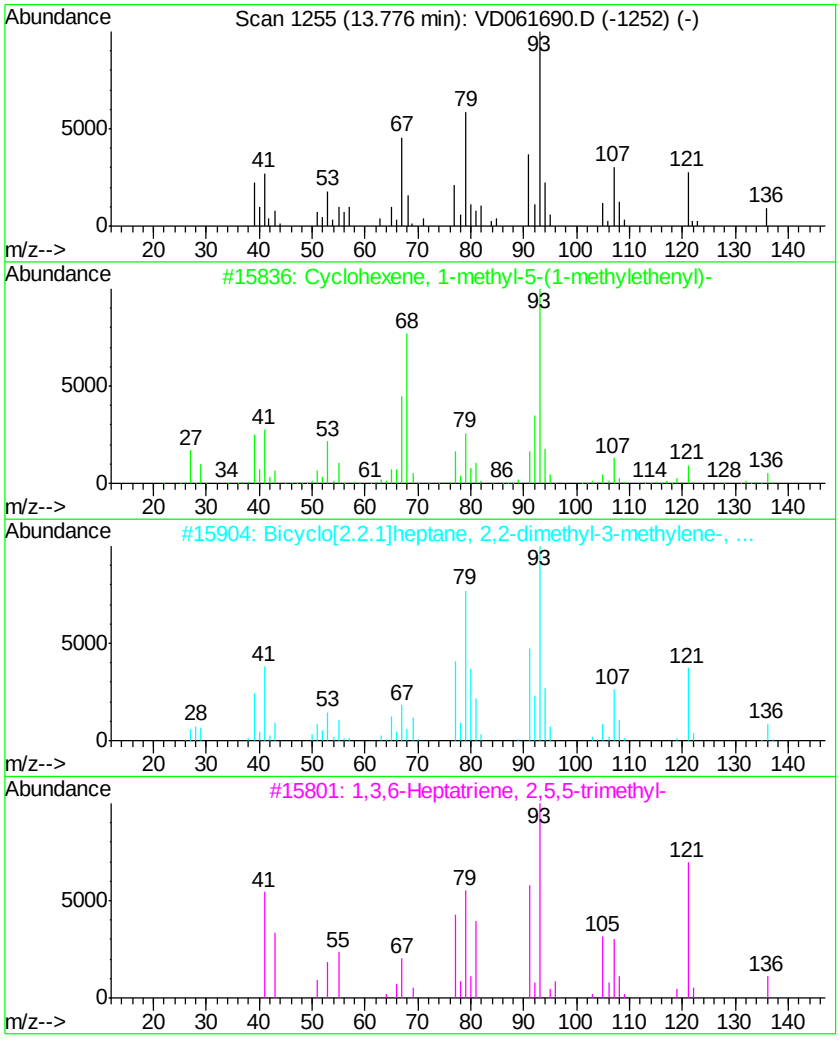
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

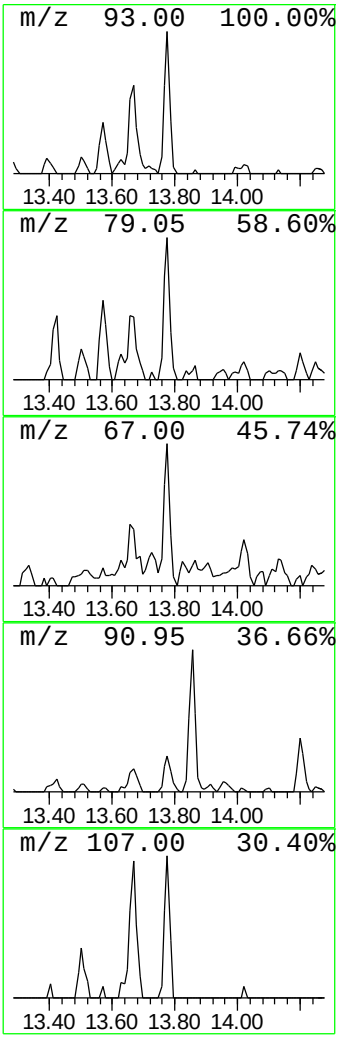
****

Peak Number 2 Cyclohexene, 1-methyl-5-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	6.45 ug/l	104560	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	72
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	58
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	58
4	Spiro[2.4]heptane, 1,5-dimethyl-...	136	C10H16	062238-24-8	52
5	.beta.-Pinene	136	C10H16	000127-91-3	50





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Sample : K2316-07
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190175-AMND-COMP-CS-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

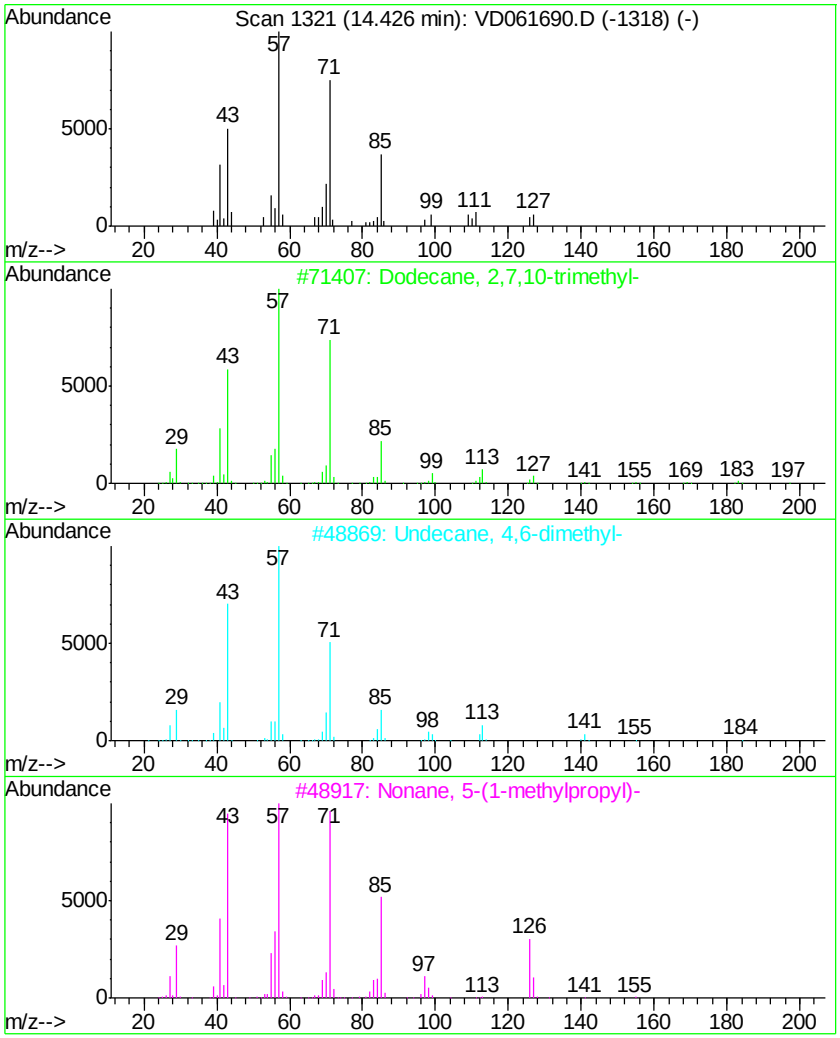
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

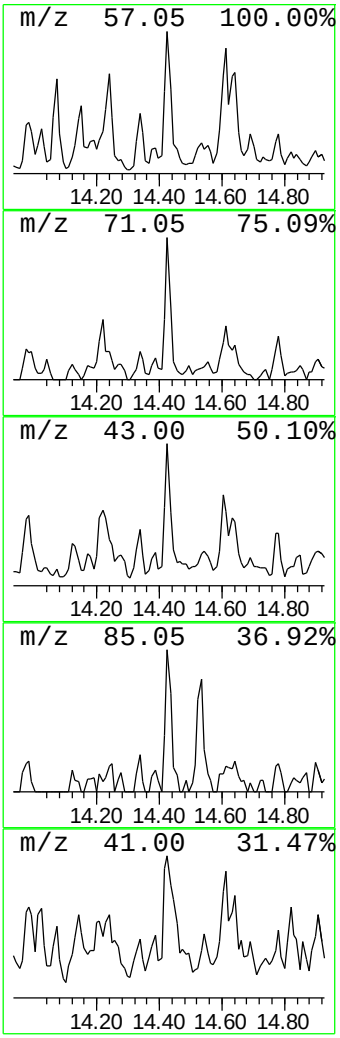
****

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	6.80 ug/l	110188	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59





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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190175-AMND-COMP-CS-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

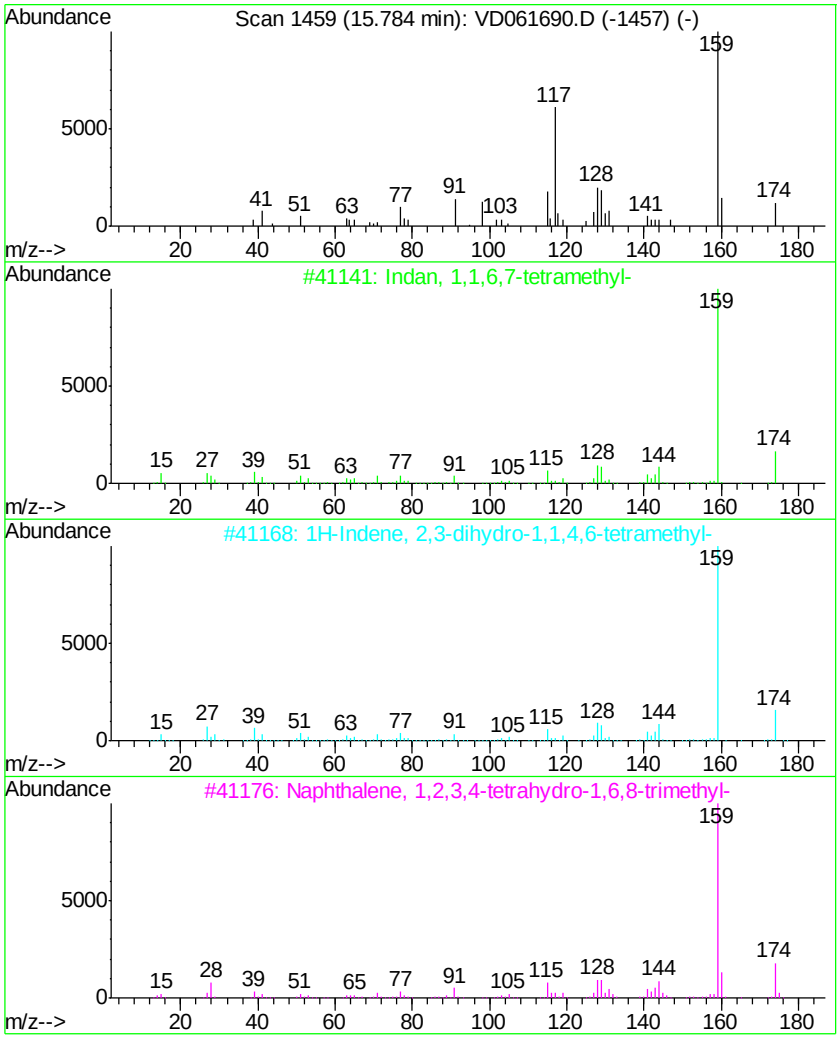
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

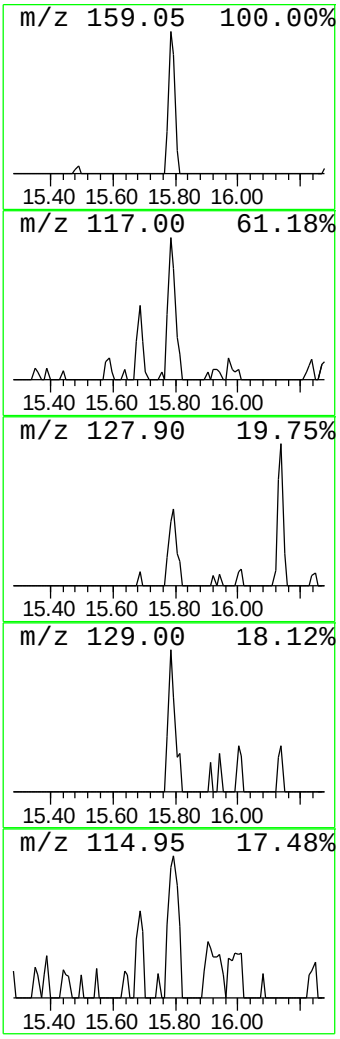
****

Peak Number 4 Indan, 1,1,6,7-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	6.82 ug/l	110510	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	58
2	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	50
4	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	50
5	Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	43





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Quant Title : SW846 8260

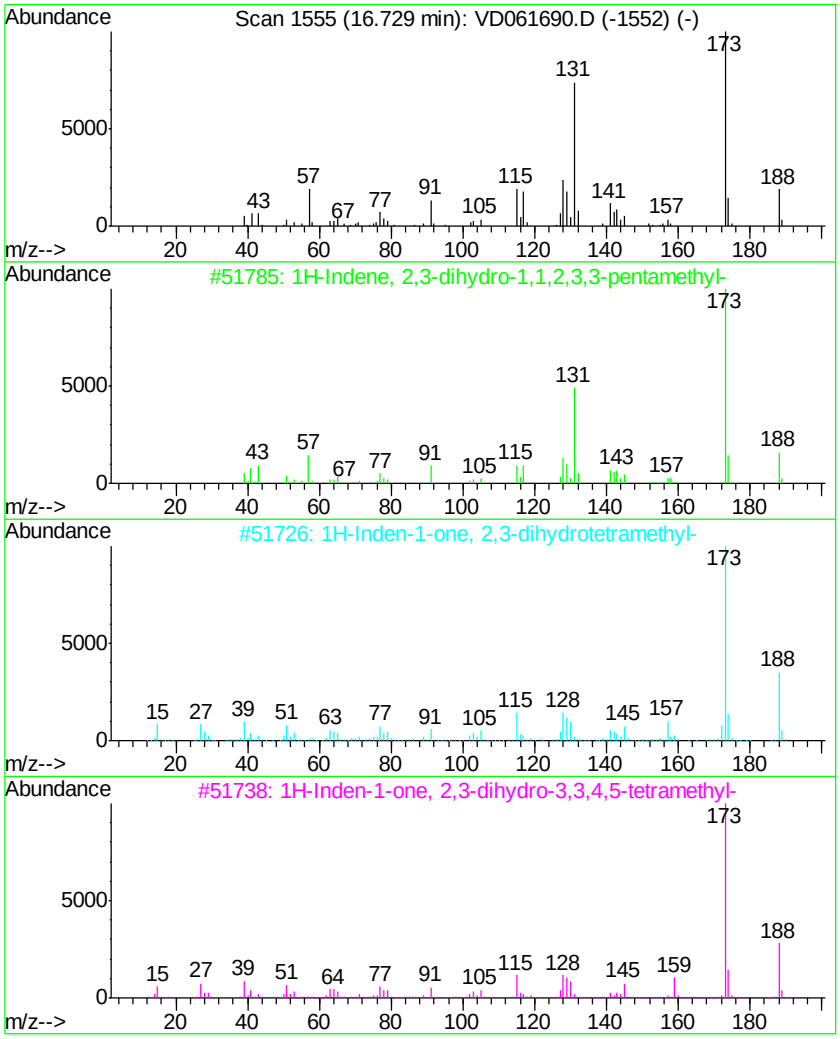
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

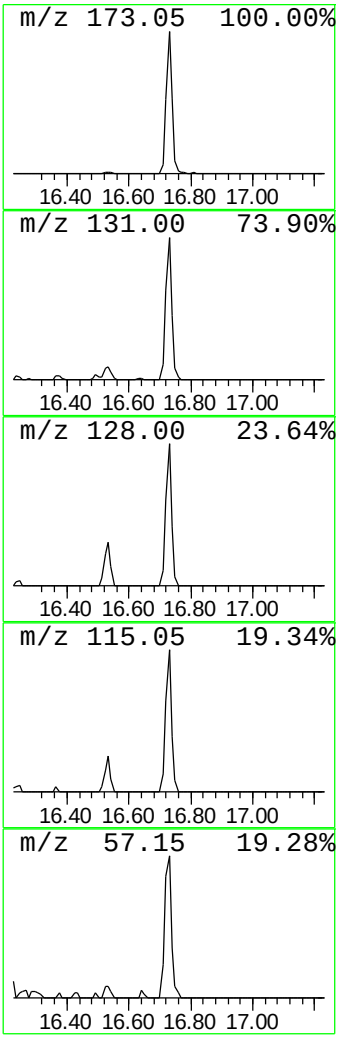
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	19.60 ug/l	317682	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	93
2	1H-Inden-1-one, 2,3-dihydrotetra...	188	C13H16O	089907-33-5	53
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	53
4	Benzene, 1-tert-butyl-4-cyclopro...	188	C14H20	058249-45-9	46
5	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	46





Tentatively Identified Compound (LSC) summary

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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[2.2.1]hep...	13.67	5.2	ug/l	83445	4	14.53	810395	50.0
Cyclohexene, 1-me...	13.78	6.5	ug/l	104560	4	14.53	810395	50.0
Dodecane, 2,7,10-...	14.43	6.8	ug/l	110188	4	14.53	810395	50.0
Indan, 1,1,6,7-te...	15.78	6.8	ug/l	110510	4	14.53	810395	50.0
1H-Indene, 2,3-di...	16.73	19.6	ug/l	317682	4	14.53	810395	50.0