LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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	1.715	17	19	26	rVB2	33193	69471	1.18%	0.133%
2	1.843	30	32	44	rVB2	18741	60576	1.03%	0.116%
3	3.742	218	225	238	rVB2	70732	246059	4.18%	0.471%
4	5.671	412	421	429	rBV2	34531	115976	1.97%	0.222%
5	6.340	483	489	493	rBV	861280	2198111	37.38%	4.211%
6	6.419	493	497	513	rVV	1327050	3621008	61.58%	6.937%
7	6.635	513	519	528	rVV	62706	196865	3.35%	0.377%
8	6.803	528	536	545	rVV	654280	1662745	28.28%	3.185%
9	6.940	545	550	553	rVV2	44584	131790	2.24%	0.252%
10	7.009	553	557	563	rVV4	64377	230786	3.92%	0.442%
11	7.098	563	566	577	rVB3	37386	108296	1.84%	0.207%
12	7.462	596	603	618	rBV	1728576	4288333	72.93%	8.215%
13	7.747	627	632	639	rBV4	22735	72480	1.23%	0.139%
14	8.023	653	660	664	rBV4	38487	131403	2.23%	0.252%
15	8.092	664	667	671	rVV2	32945	91327	1.55%	0.175%
16	8.170	671	675	680	rVB	27807	70837	1.20%	0.136%
17	8.446	697	703	707	rBV2	47313	123489	2.10%	0.237%
18	8.653	719	724	732	rVB3	79435	229791	3.91%	0.440%
19	8.840	732	743	745	rBV3	71354	227779	3.87%	0.436%
20	9.017	755	761	766	rVB2	56713	167406	2.85%	0.321%
21	9.125	766	772	774	rBV3	20569	63384	1.08%	0.121%
22	9.184	774	778	787	rVB3	57149	193965	3.30%	0.372%
23	9.410	796	801	802	rBV	105130	224630	3.82%	0.430%
24	9.469	802	807	821	rVB	2467930	5880409	100.00%	11.265%
25	9.666	821	827	828	rBV	47593	112501	1.91%	0.216%
26	9.952	851	856	865	rVB3	154626	456927	7.77%	0.875%
27	10.119	866	873	878	rBV4	138329	379073	6.45%	0.726%
28	10.198	878	881	885	rVV2	69969	141314	2.40%	0.271%
29	10.326	890	894	898	rBV2	39083	83232	1.42%	0.159%
30	10.454	903	907	911	rBV2	124631	241627	4.11%	0.463%
31	10.591	916	921	923	rBV	100058	233856	3.98%	0.448%
32	10.631	923	925	930	rVV4	72428	224280	3.81%	0.430%
33	10.709	930	933	937	rVB2	89691	187630	3.19%	0.359%
34	10.788	937	941	945	rBV	235135	524085	8.91%	1.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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	10.847	945	947	951	rVB3	64942	134688	2.29%	0.258%
36	10.936	951	956	959	rBV4	57781	155545	2.65%	0.298%
37	10.995	959	962	964	rBV	66104	90671	1.54%	0.174%
38	11.054	964	968	970	rBV	209370	404928	6.89%	0.776%
39	11.093	970	972	978	rVB3	161851	334168	5.68%	0.640%
40	11.221	978	985	988	rBV	228848	482816	8.21%	0.925%
41	11.290	988	992	998	rVV	2649226	4260427	72.45%	8.162%
42	11.379	999	1001	1005	rVB2	82120	165649	2.82%	0.317%
43	11.457	1005	1009	1013	rBV4	91933	244775	4.16%	0.469%
44	11.546	1013	1018	1022	rVV5	108572	339423	5.77%	0.650%
45	11.605	1022	1024	1027	rVV	187865	260681	4.43%	0.499%
46	11.654	1027	1029	1034	rVB2	172675	291372	4.95%	0.558%
47	11.762	1035	1040	1043	rBV5	83004	209767	3.57%	0.402%
48	11.900	1049	1054	1057	rBV4	263370	671771	11.42%	1.287%
49	11.940	1057	1058	1060	rVV2	92453	121493	2.07%	0.233%
50	11.979	1060	1062	1065	rVV3	85901	179911	3.06%	0.345%
51	12.028	1065	1067	1070	rVV3	42344	78676	1.34%	0.151%
52	12.107	1070	1075	1079	rVV3	256008	774497	13.17%	1.484%
53	12.195	1079	1084	1088	rVV4	243897	739497	12.58%	1.417%
54	12.284	1091	1093	1096	rVV	137865	205554	3.50%	0.394%
55	12.353	1096	1100	1103	rVV4	160341	356285	6.06%	0.683%
56	12.432	1105	1108	1112	rVV	2203472	3380710	57.49%	6.476%
57	12.491	1112	1114	1116	rVV2	118624	150913	2.57%	0.289%
58	12.530	1116	1118	1120	rVV2	100902	172436	2.93%	0.330%
59	12.589	1120	1124	1127	rVV3	274498	615866	10.47%	1.180%
60	12.648	1127	1130	1132	rVV	156125	235640	4.01%	0.451%
61	12.697	1132	1135	1139	rVV4	122163	256573	4.36%	0.492%
62	12.766	1139	1142	1144	rVV3	133294	295354	5.02%	0.566%
63	12.835	1147	1149	1152	rVB2	139489	202798	3.45%	0.388%
64	12.924	1152	1158	1160	rBV3	120524	300881	5.12%	0.576%
65	12.992	1160	1165	1169	rVV4	219348	553915	9.42%	1.061%
66	13.061	1169	1172	1175	rVV3	185254	404802	6.88%	0.775%
67	13.111	1175	1177	1182	rVV4	116787	317973	5.41%	0.609%
68	13.179	1182	1184	1186	rVV2	83928	137946	2.35%	0.264%
69	13.229	1186	1189	1191	rVV3	169411	339834	5.78%	0.651%
70	13.258	1191	1192	1194	rVV2	109320	172790	2.94%	0.331%
71	13.298	1194	1196	1198	rVV2	105020	188364	3.20%	0.361%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

72	13.337	1198	1200	1201	rVV2	102776	156583	2.66%	0.300%
73	13.376	1201	1204	1209	rVV	2396812	3367402	57.26%	6.451%
74	13.494	1213	1216	1219	rVB3	108362	245706	4.18%	0.471%
75	13.563	1220	1223	1228	rBV	335173	460894	7.84%	0.883%
76	13.632	1228	1230	1231	rBV2	114416	143358	2.44%	0.275%
77	13.662	1231	1233	1236	rVV3	171637	320940	5.46%	0.615%
78	13.701	1236	1237	1239	rVB	72282	83209	1.42%	0.159%
79	13.878	1252	1255	1256	rBV3	58202	108360	1.84%	0.208%
80	13.908	1256	1258	1261	rVV	596250	748274	12.72%	1.433%
81	13.947	1261	1262	1264	rVV2	102943	137019	2.33%	0.262%
82	13.996	1264	1267	1271	rVB	431782	670579	11.40%	1.285%
83	14.075	1271	1275	1278	rVB4	52287	119209	2.03%	0.228%
84	14.144	1278	1282	1283	rBV3	92574	202733	3.45%	0.388%
85	14.193	1285	1287	1293	rVV	365834	534127	9.08%	1.023%
86	14.282	1293	1296	1299	rVB2	201488	295746	5.03%	0.567%
87	14.380	1303	1306	1308	rVB2	92773	144071	2.45%	0.276%
88	14.429	1308	1311	1314	rBV2	145470	246525	4.19%	0.472%
89	14.478	1314	1316	1318	rVB	88135	94277	1.60%	0.181%
90	14.528	1318	1321	1325	rVB	334264	465502	7.92%	0.892%
91	14.587	1325	1327	1330	rBV2	163196	196745	3.35%	0.377%
92	14.754	1337	1344	1349	rBV3	254071	816969	13.89%	1.565%
93	14.843	1349	1353	1357	rVB2	287313	526611	8.96%	1.009%
94	14.980	1363	1367	1371	rBV6	43600	148536	2.53%	0.285%
95	15.069	1374	1376	1379	rVV2	103780	175150	2.98%	0.336%
96	15.108	1379	1380	1382	rVV2	69456	74102	1.26%	0.142%
97	15.207	1388	1390	1393	rBV	115736	152112	2.59%	0.291%
98	15.335	1399	1403	1408	rBV2	86442	208099	3.54%	0.399%
99	15.433	1410	1413	1415	rBV	43144	62432	1.06%	0.120%
100	15.482	1415	1418	1420	rVB	52056	74259	1.26%	0.142%

Sum of corrected areas: 52200359

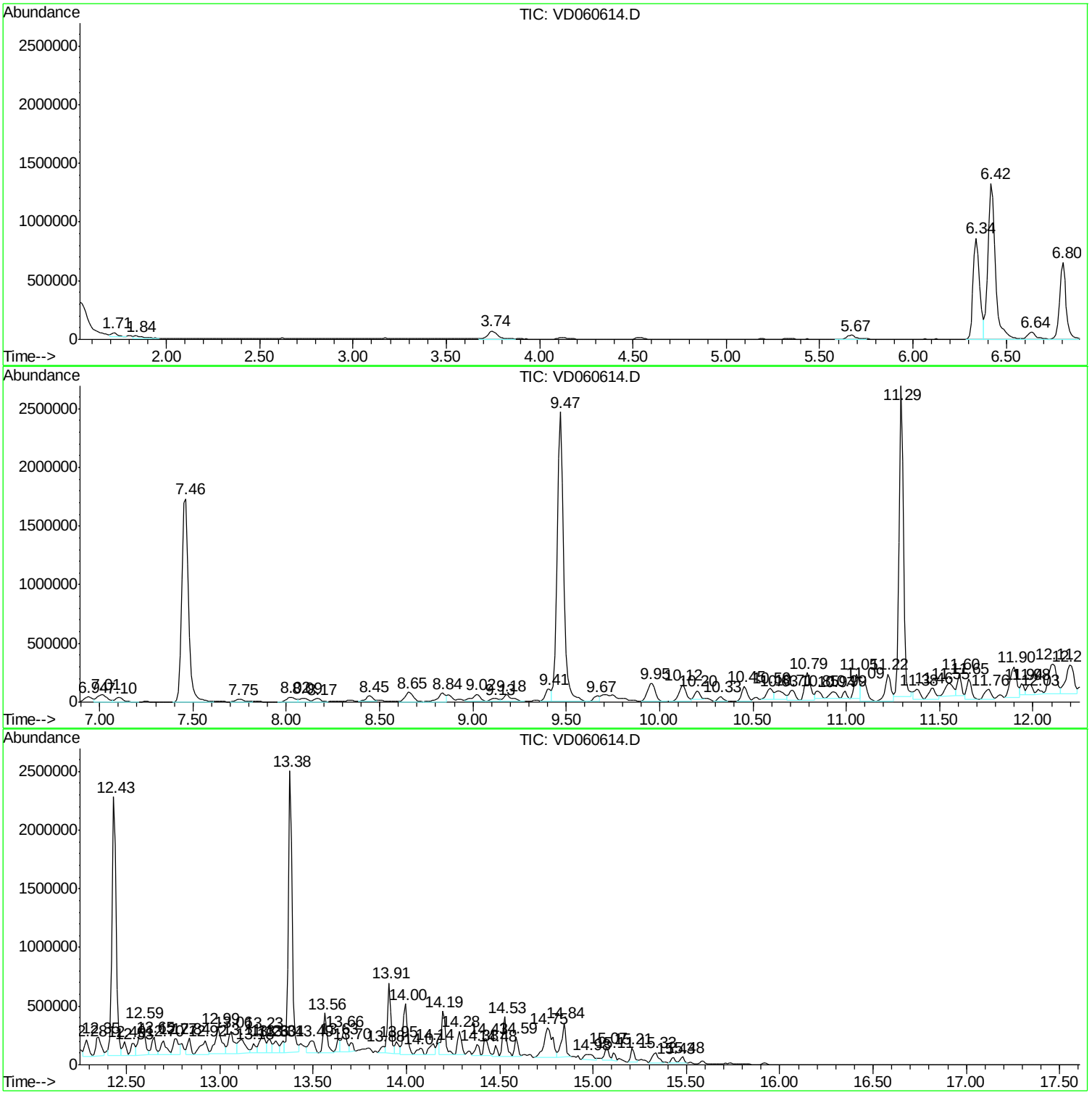
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

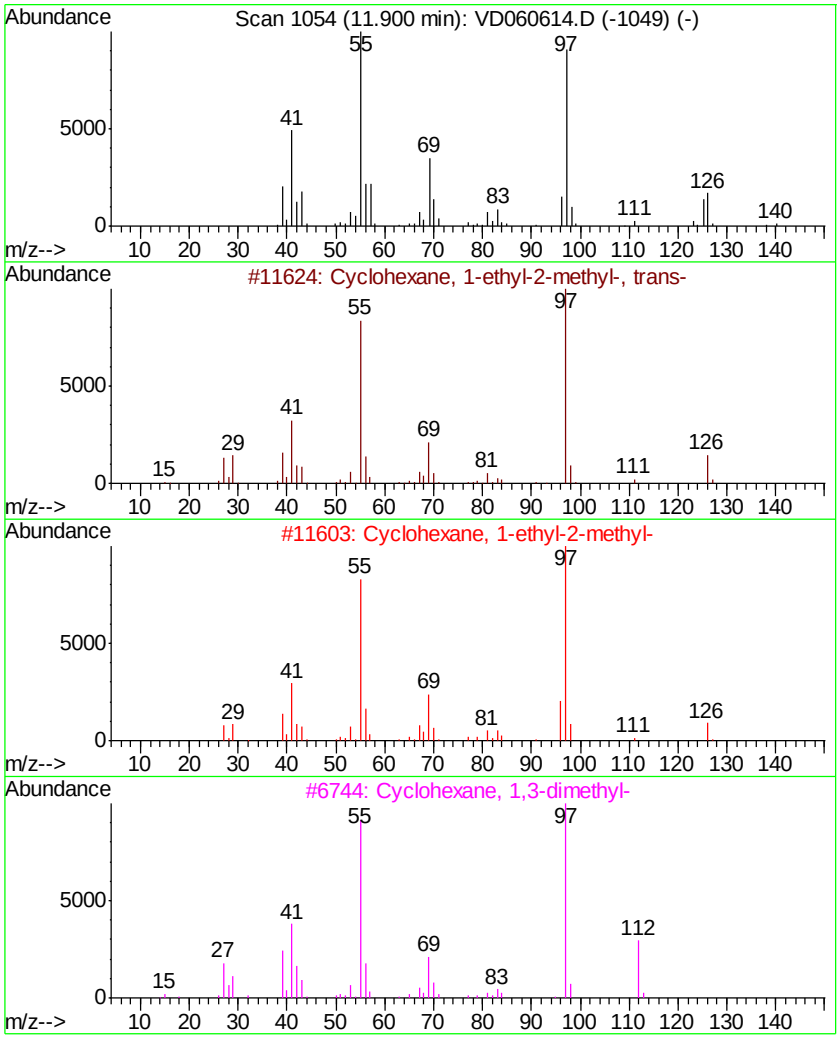
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

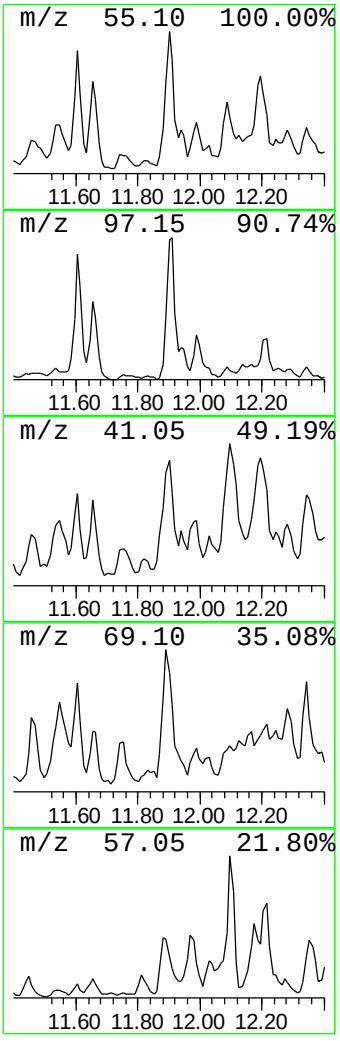
****

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.88 ug/l	671771	Chlorobenzene-d5	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

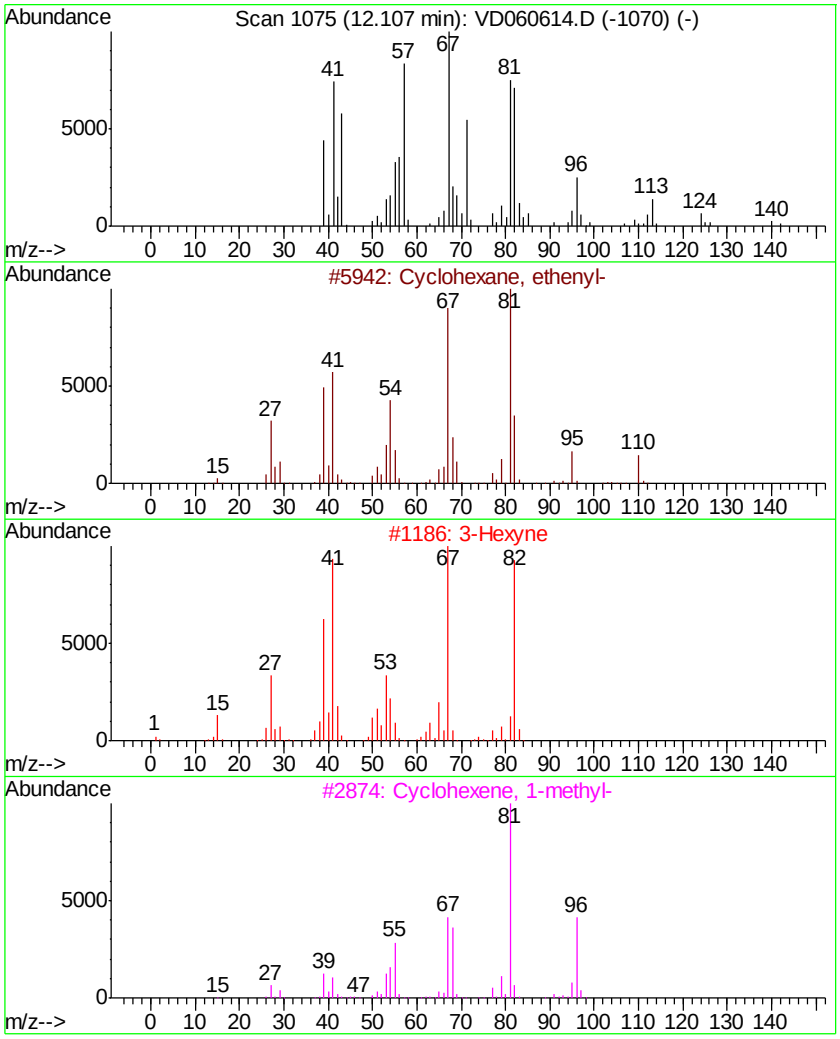
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

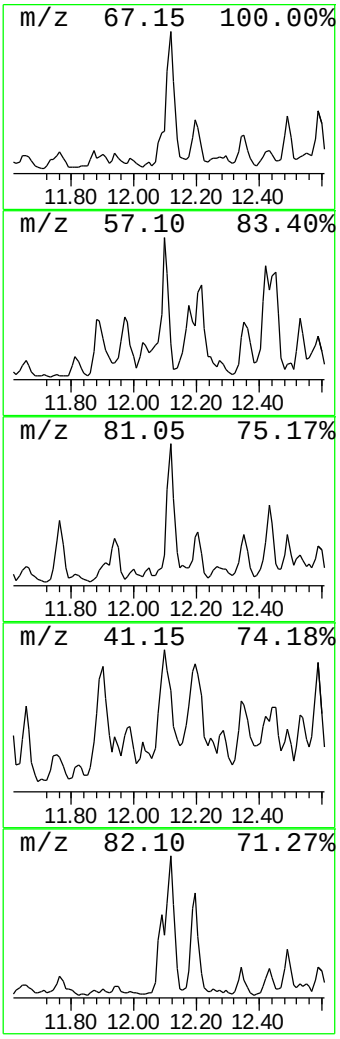
****

Peak Number 2 unknown12.11 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	9.09 ug/l	774497	Chlorobenzene-d5	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	46
2	3-Hexyne	82	C6H10	000928-49-4	38
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	30
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	30
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

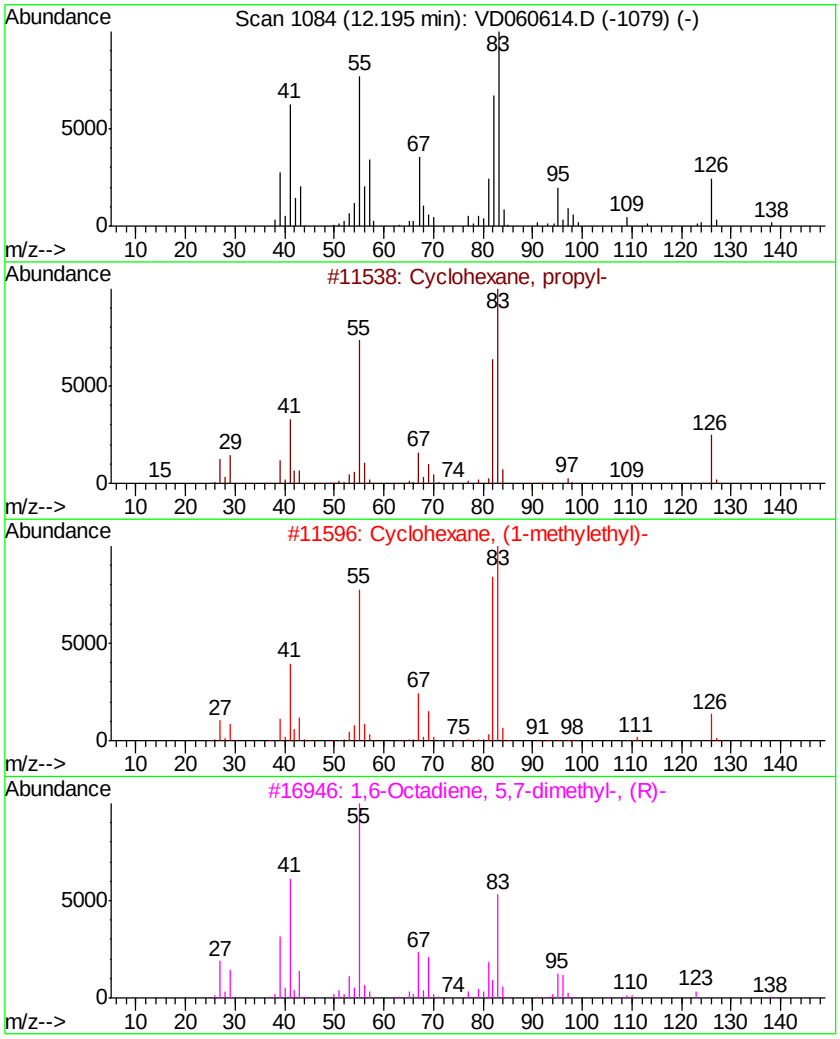
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

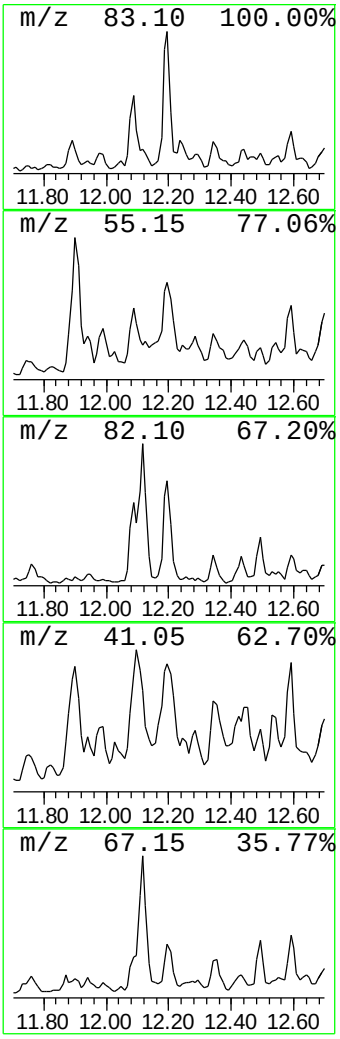
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	8.68 ug/l	739497	Chlorobenzene-d5	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
3	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	50
4	3-Hexen-1-ol, 5-methyl-, formate...	142	C8H14O2	1000132-12-4	50
5	Lomustine	233	C9H16ClN3O2	013010-47-4	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

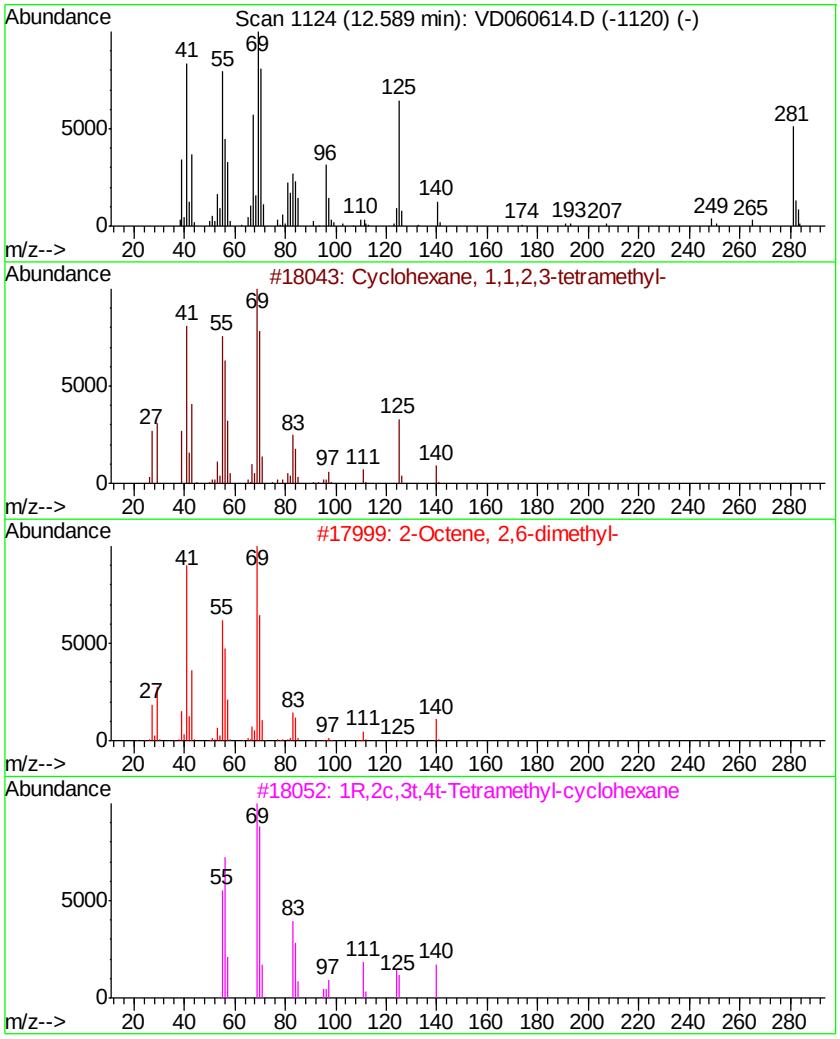
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

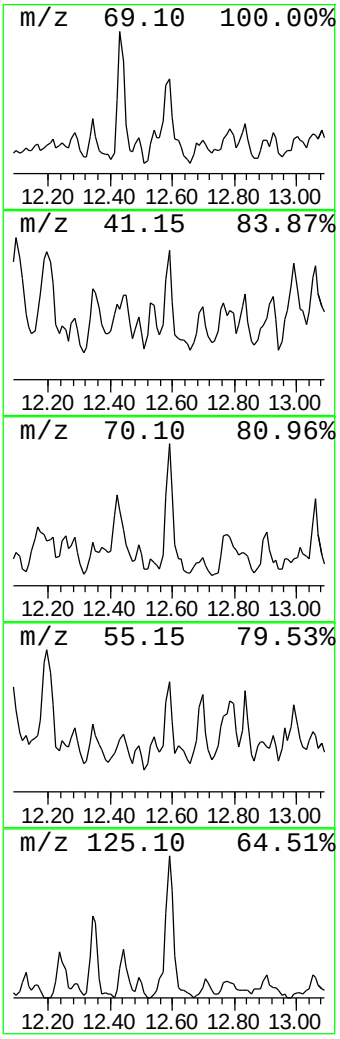
****

Peak Number 4 unknown12.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	9.14 ug/l	615866	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	30
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	30
5	Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

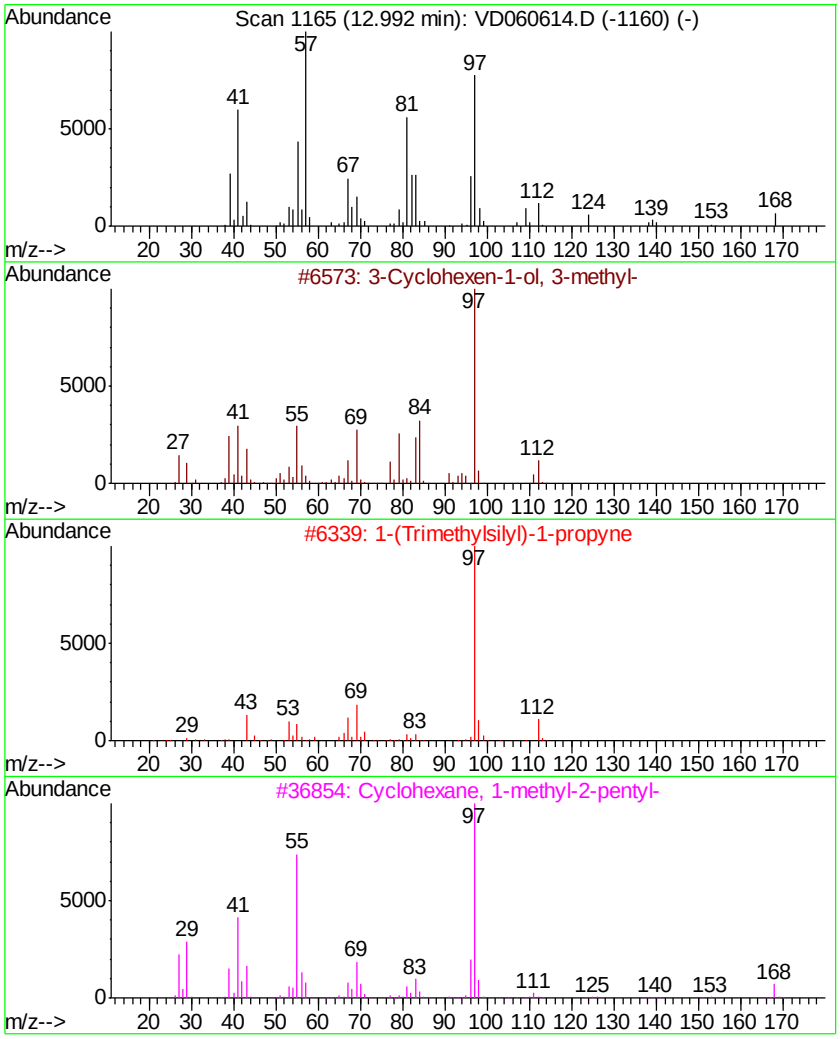
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

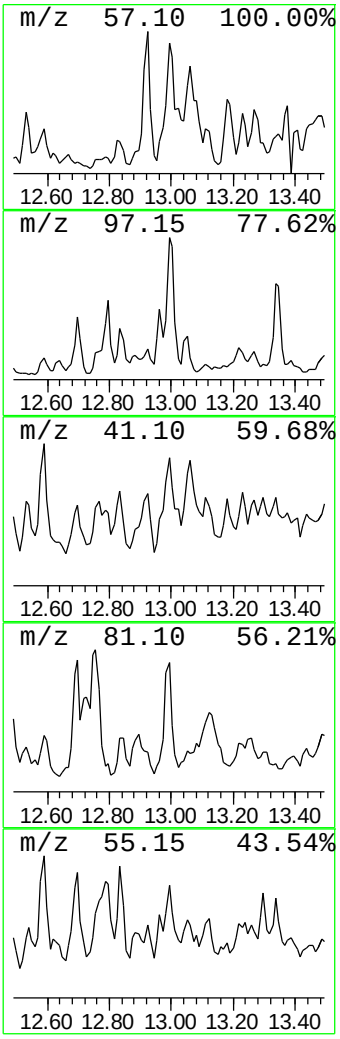
****

Peak Number 5 unknown12.99 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	8.22 ug/l	553915	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	43
2	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	38
3	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	38
4	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	35
5	trans-2-Oxabicyclo[4.4.0]decane	140	C9H16O	059958-46-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

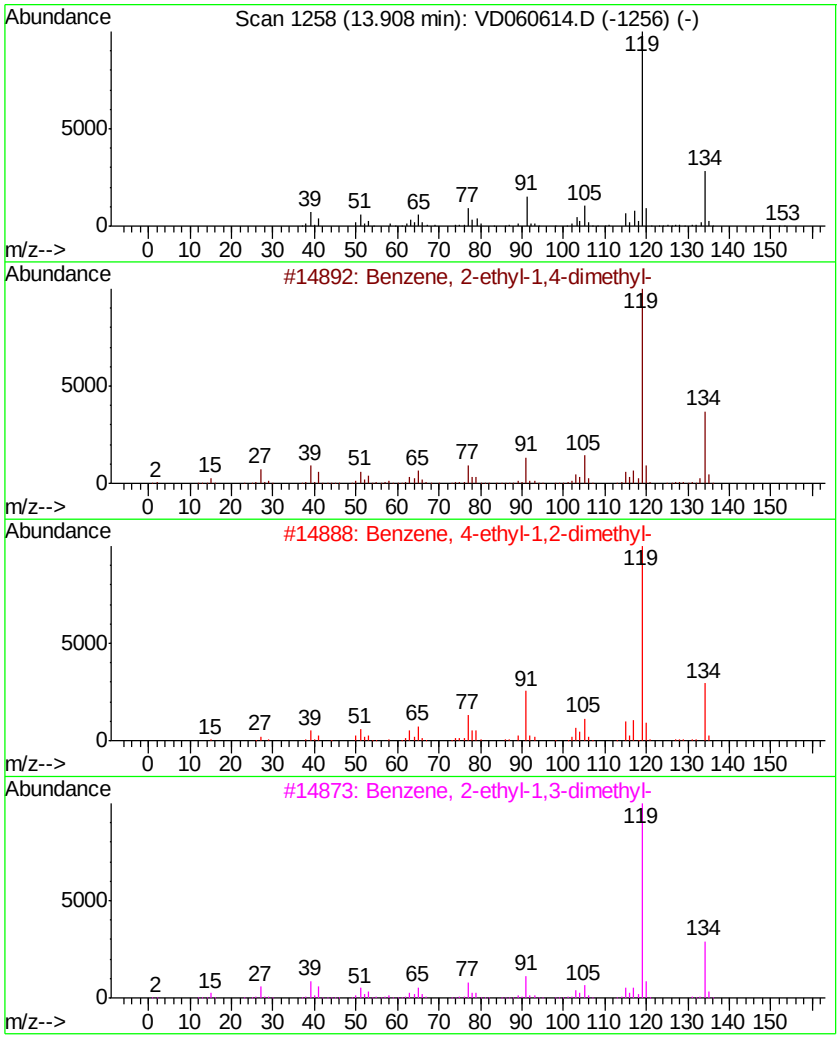
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

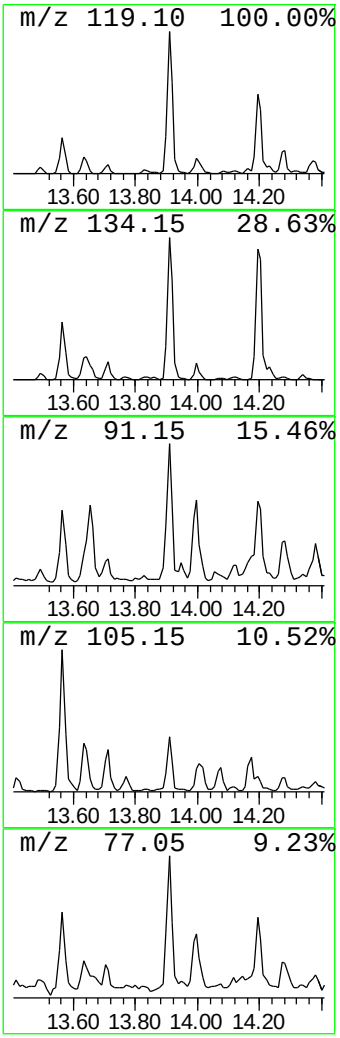
****

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	11.11 ug/l	748274	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

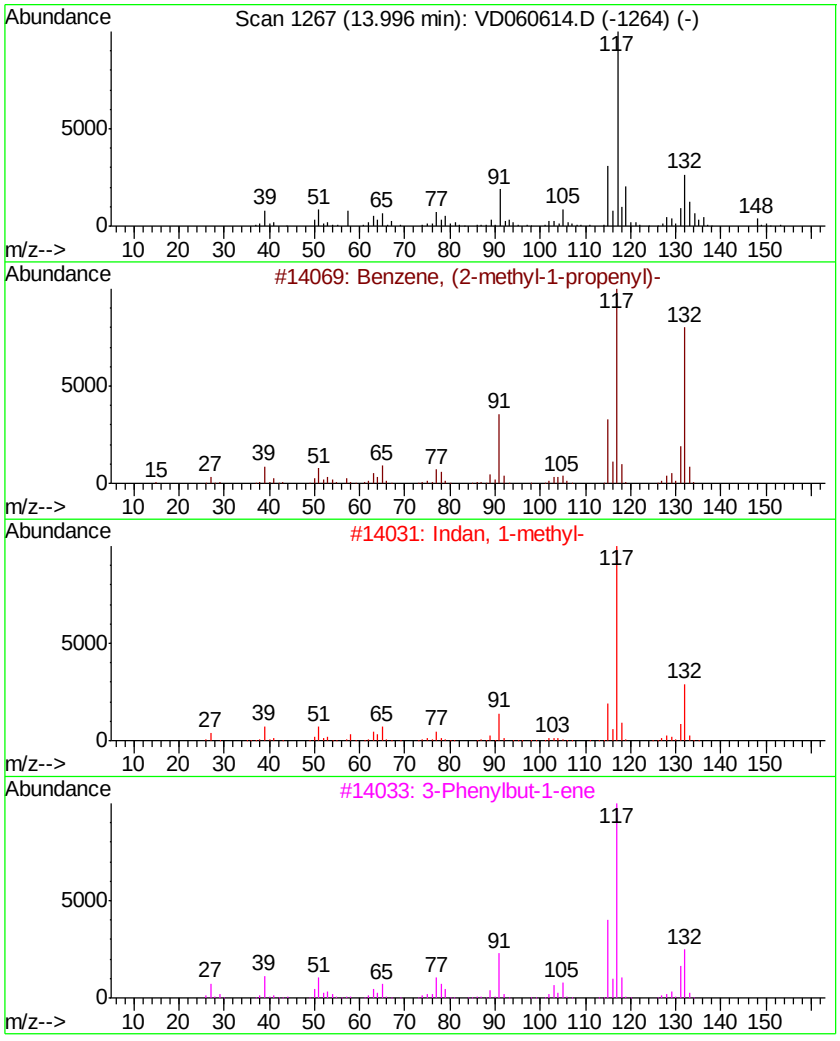
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

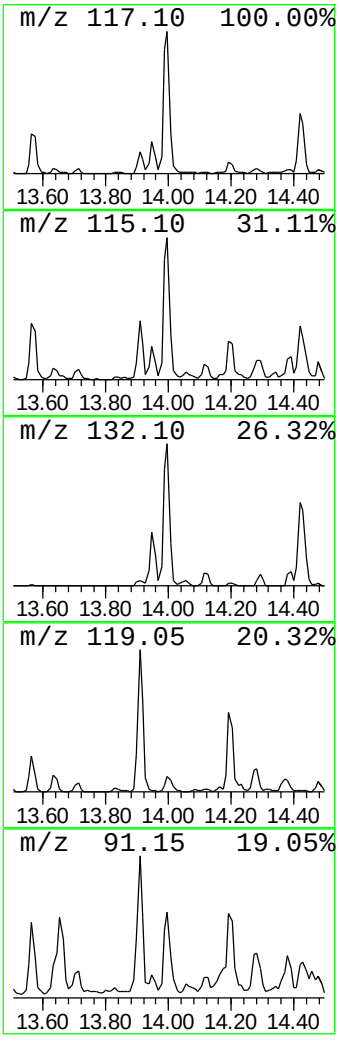
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	9.96 ug/l	670579	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	68
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

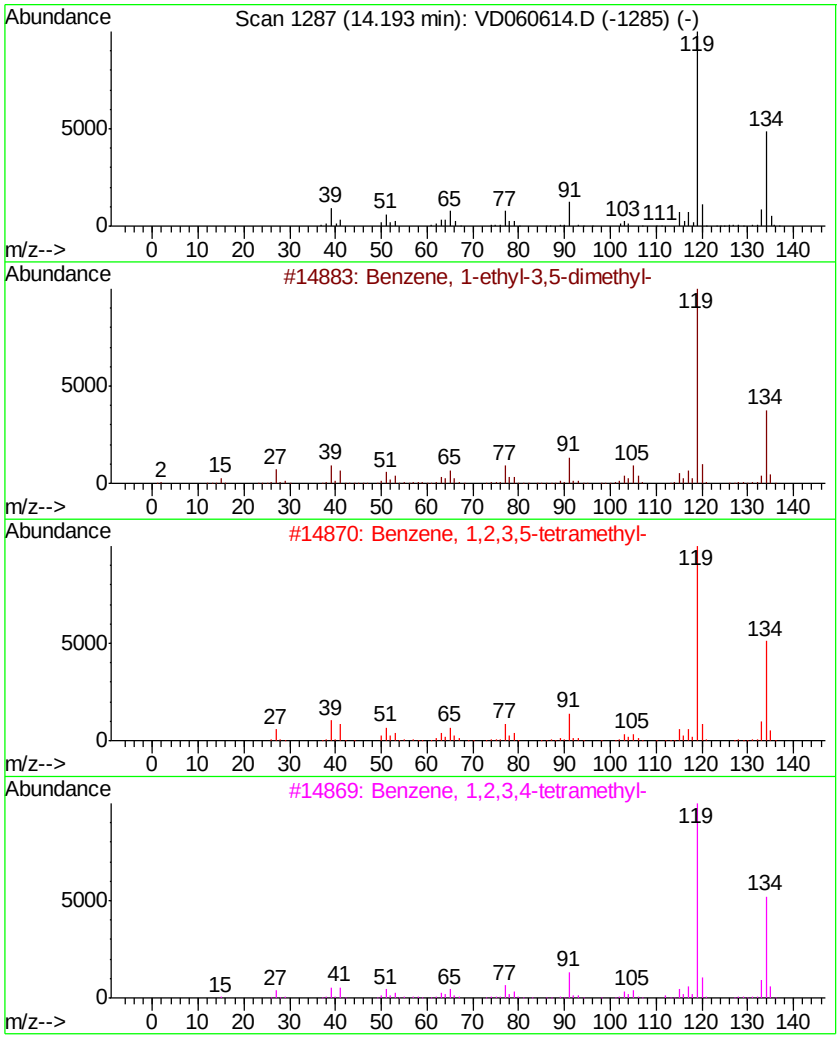
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

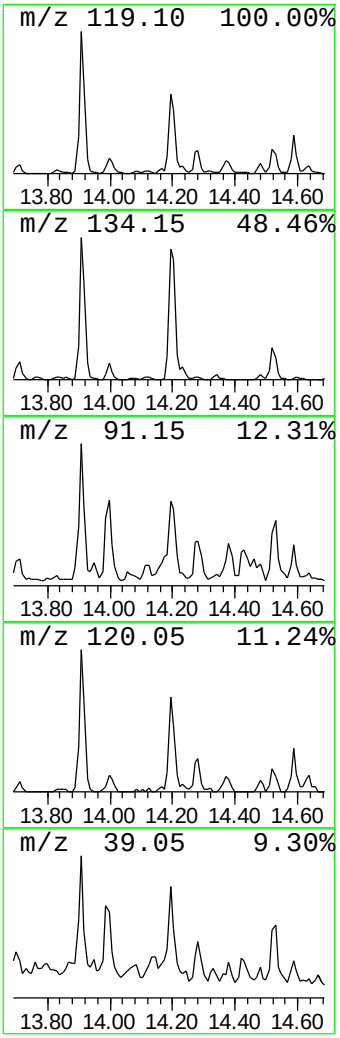
****

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	7.93 ug/l	534127	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

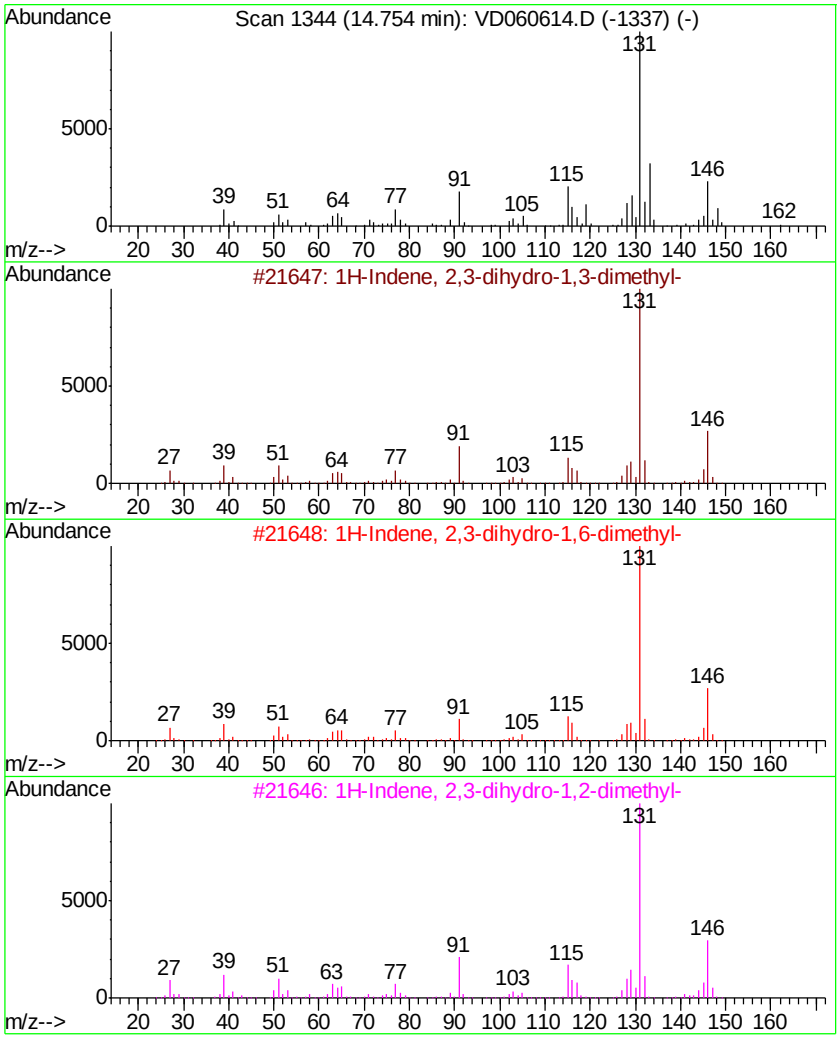
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

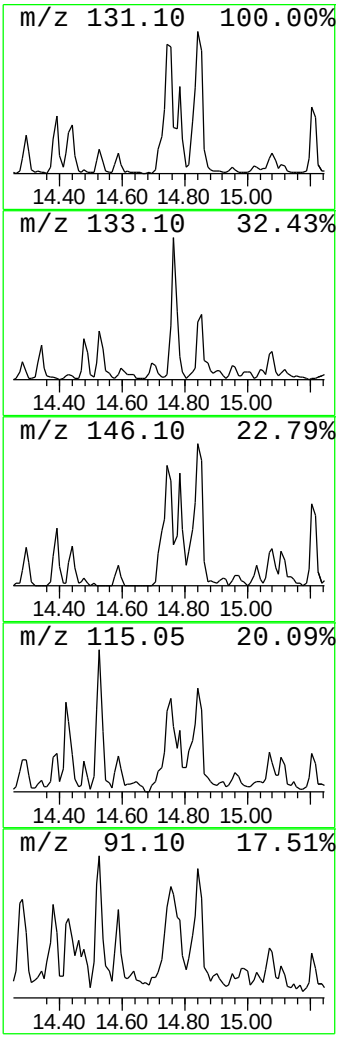
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	12.13 ug/l	816969	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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

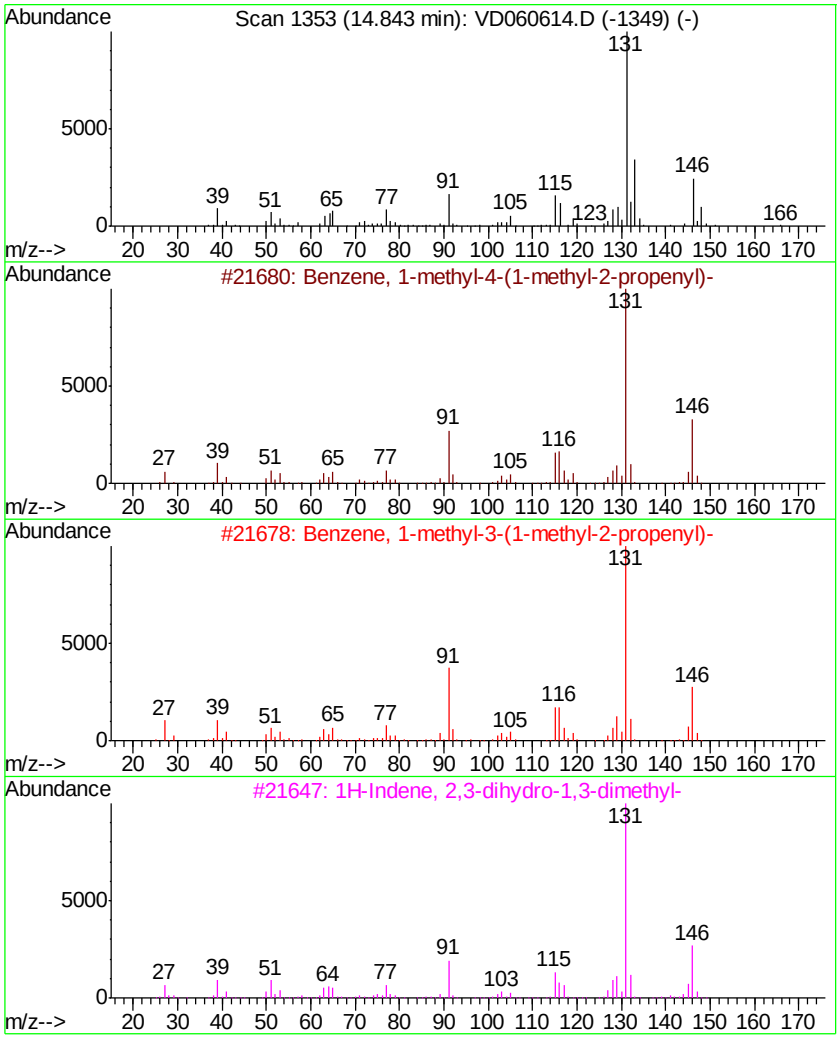
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

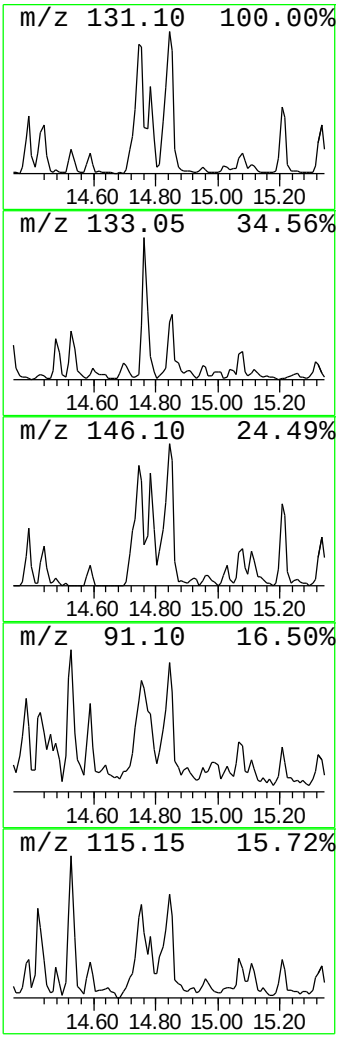
****

Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.82 ug/l	526611	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
Data File : VD060614.D
Acq On : 17 Dec 2018 22:10
Operator : VA/AP
Sample : J6319-11
Misc : 5.07g/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 065_SW-W-1

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
Cyclohexane, 1-et...	11.90	7.9	ug/l	671771	3	11.29	4260430	50.0
unknown12.11	12.11	9.1	ug/l	774497	3	11.29	4260430	50.0
Cyclohexane, propyl-	12.20	8.7	ug/l	739497	3	11.29	4260430	50.0
unknown12.59	12.59	9.1	ug/l	615866	4	13.38	3367400	50.0
unknown12.99	12.99	8.2	ug/l	553915	4	13.38	3367400	50.0
Benzene, 2-ethyl-...	13.91	11.1	ug/l	748274	4	13.38	3367400	50.0
Benzene, (2-methy...	14.00	10.0	ug/l	670579	4	13.38	3367400	50.0
Benzene, 1-ethyl-...	14.19	7.9	ug/l	534127	4	13.38	3367400	50.0
1H-Indene, 2,3-di...	14.75	12.1	ug/l	816969	4	13.38	3367400	50.0
Benzene, 1-methyl...	14.84	7.8	ug/l	526611	4	13.38	3367400	50.0