LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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_N\METHODS\82N031820W.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	3.233	441	454	492	rBV	107297	253705	9.91%	0.778%
2	3.783	608	625	653	rBV	24160	65939	2.57%	0.202%
3	4.021	684	699	716	rBV	10371	28620	1.12%	0.088%
4	7.564	1780	1801	1813	rBV	127890	318683	12.44%	0.977%
5	7.641	1813	1825	1844	rVB	239938	569604	22.24%	1.746%
6	8.005	1921	1938	1959	rBV	152346	357431	13.95%	1.096%
7	8.567	2096	2113	2140	rBV	372126	776152	30.30%	2.380%
8	10.078	2567	2583	2595	rBV	592322	1079355	42.14%	3.309%
9	10.143	2596	2603	2615	rVB	22491	39569	1.54%	0.121%
10	11.400	2980	2994	3012	rBV	548707	957296	37.37%	2.935%
11	11.612	3048	3060	3082	rVB	58343	120425	4.70%	0.369%
12	11.940	3151	3162	3175	rVB	77438	130399	5.09%	0.400%
13	12.397	3292	3304	3327	rVB	446439	753586	29.42%	2.310%
14	12.583	3350	3362	3372	rBV	48031	77326	3.02%	0.237%
15	12.651	3372	3383	3389	rBV	297801	489121	19.10%	1.500%
16	12.728	3399	3407	3417	rVB2	235021	375717	14.67%	1.152%
17	12.885	3442	3456	3471	rBV	239137	394189	15.39%	1.209%
18	12.956	3471	3478	3489	rVB3	23864	36538	1.43%	0.112%
19	13.033	3490	3502	3514	rBV	849833	1329414	51.90%	4.076%
20	13.165	3529	3543	3551	rBV2	41321	78884	3.08%	0.242%
21	13.229	3553	3563	3572	rBV	91338	144073	5.62%	0.442%
22	13.281	3572	3579	3586	rBV2	45775	68626	2.68%	0.210%
23	13.339	3586	3597	3602	rBV	576429	982604	38.36%	3.012%
24	13.442	3617	3629	3638	rVB4	26246	60972	2.38%	0.187%
25	13.538	3641	3659	3666	rBV	681504	1238489	48.35%	3.797%
26	13.580	3666	3672	3689	rVB4	295668	590865	23.07%	1.811%
27	13.670	3689	3700	3708	rBV	202455	315691	12.33%	0.968%
28	13.734	3711	3720	3730	rVB	147356	229404	8.96%	0.703%
29	13.799	3730	3740	3744	rBV	226229	343131	13.40%	1.052%
30	13.827	3745	3749	3758	rVB	229957	300899	11.75%	0.922%
31	13.882	3758	3766	3775	rVB	327344	490289	19.14%	1.503%
32	13.940	3776	3784	3790	rBV	104045	157285	6.14%	0.482%
33	13.991	3790	3800	3810	rVB	420945	681909	26.62%	2.091%
34	14.065	3810	3823	3831	rBV6	33374	88421	3.45%	0.271%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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_N\METHODS\82N031820W.M
Title : SW846 8260

35	14.123	3832	3841	3848	rBV	145681	248695	9.71%	0.762%
36	14.204	3859	3866	3871	rBV	169810	249155	9.73%	0.764%
37	14.242	3872	3878	3887	rVB	353584	530331	20.70%	1.626%
38	14.290	3887	3893	3899	rBV2	108425	138939	5.42%	0.426%
39	14.329	3900	3905	3912	rVB2	71413	87324	3.41%	0.268%
40	14.429	3930	3936	3941	rBV2	63554	80383	3.14%	0.246%
41	14.471	3941	3949	3958	rVV	585166	944077	36.86%	2.894%
42	14.519	3958	3964	3972	rVB	329072	466293	18.20%	1.430%
43	14.590	3972	3986	3996	rBV3	1308546	2561383	100.00%	7.853%
44	14.641	3997	4002	4014	rVB4	141347	245377	9.58%	0.752%
45	14.737	4021	4032	4047	rVB	1238860	2004317	78.25%	6.145%
46	14.844	4048	4065	4072	rBV3	282825	671802	26.23%	2.060%
47	14.953	4088	4099	4111	rVB3	327217	688448	26.88%	2.111%
48	15.126	4141	4153	4162	rVV	389426	734388	28.67%	2.251%
49	15.184	4163	4171	4179	rVV	325985	494368	19.30%	1.516%
50	15.252	4180	4192	4208	rVV5	288762	916782	35.79%	2.811%
51	15.326	4209	4215	4229	rVB2	281016	459804	17.95%	1.410%
52	15.409	4230	4241	4255	rBV	320942	648841	25.33%	1.989%
53	15.606	4282	4302	4318	rVB	973387	2269575	88.61%	6.958%
54	15.763	4342	4351	4373	rVB3	232328	544591	21.26%	1.670%
55	15.905	4383	4395	4408	rBV	663592	1326958	51.81%	4.068%
56	16.094	4445	4454	4463	rBV2	251767	481880	18.81%	1.477%
57	16.155	4464	4473	4485	rVV2	419507	821223	32.06%	2.518%
58	16.226	4488	4495	4514	rVB	204178	380032	14.84%	1.165%
59	16.345	4520	4532	4544	rBV4	284804	698393	27.27%	2.141%

Sum of corrected areas: 32617970

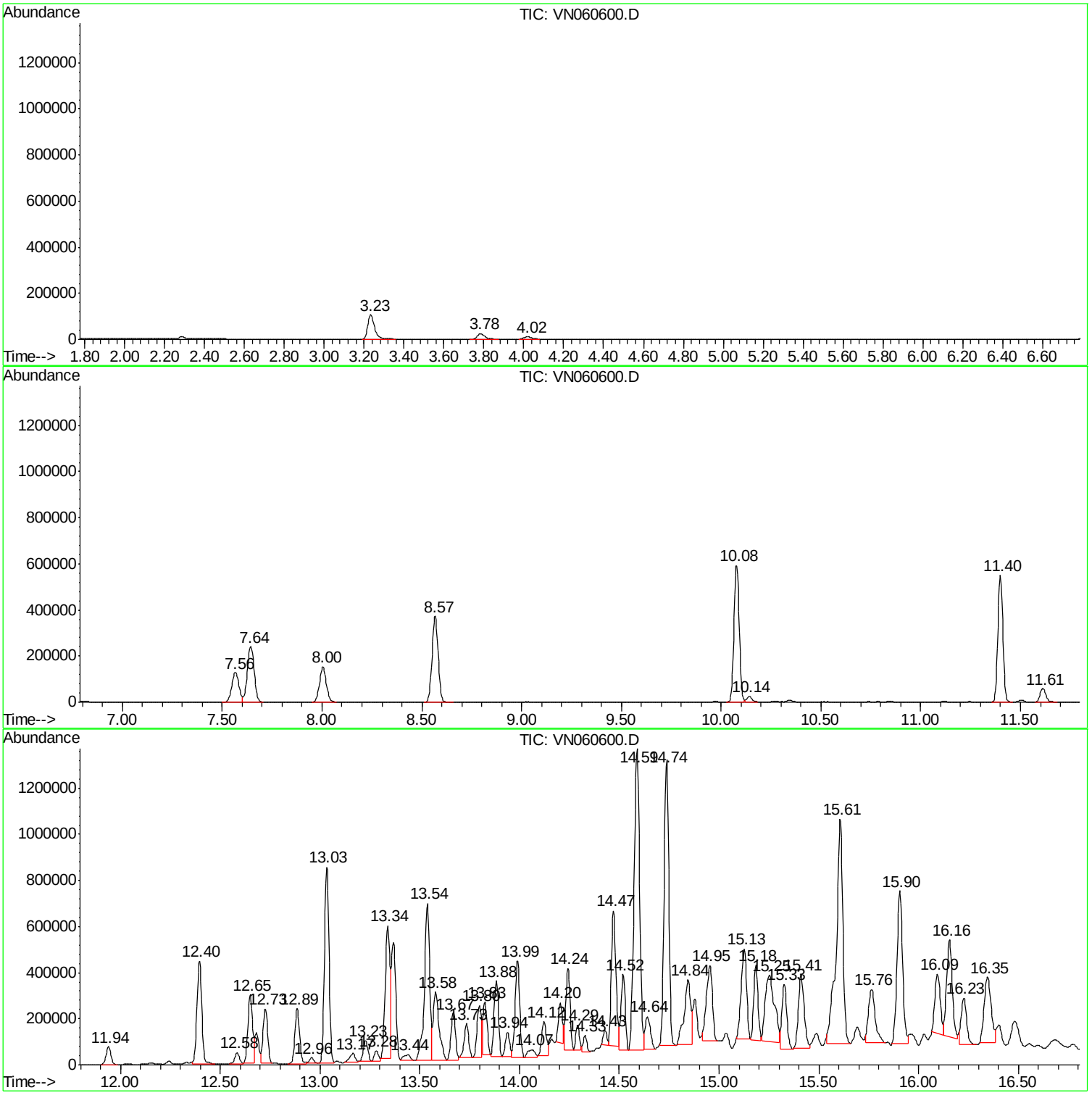
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

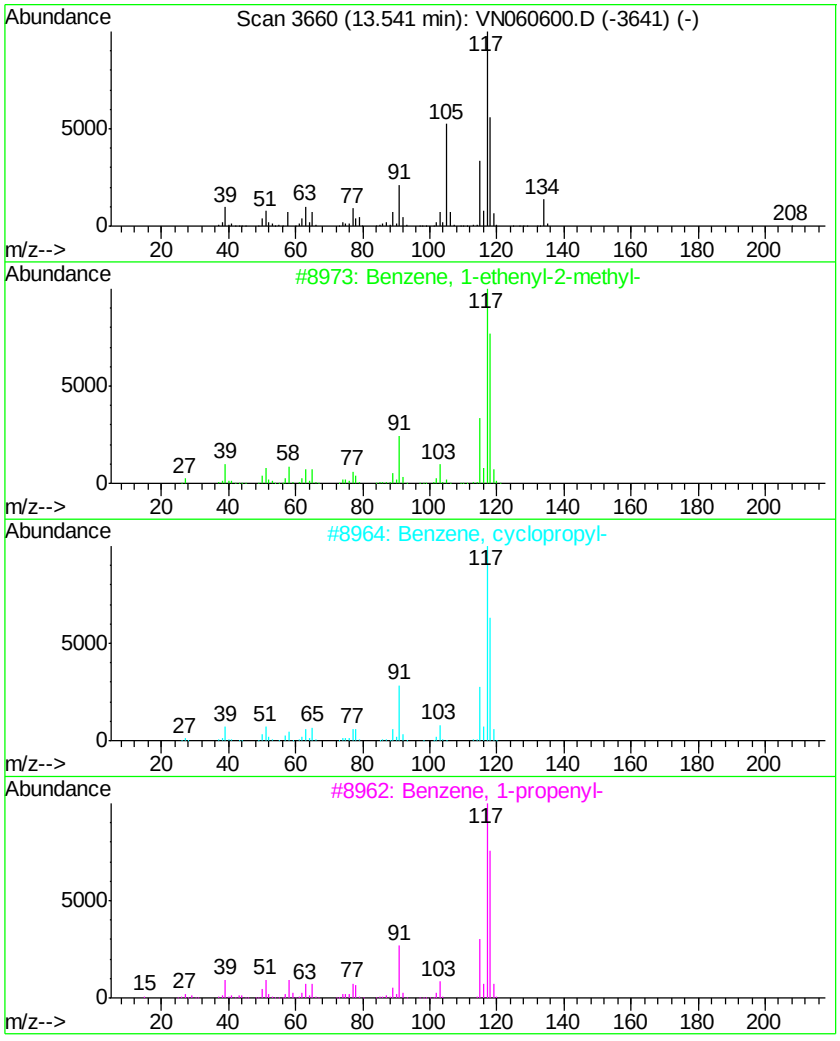
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

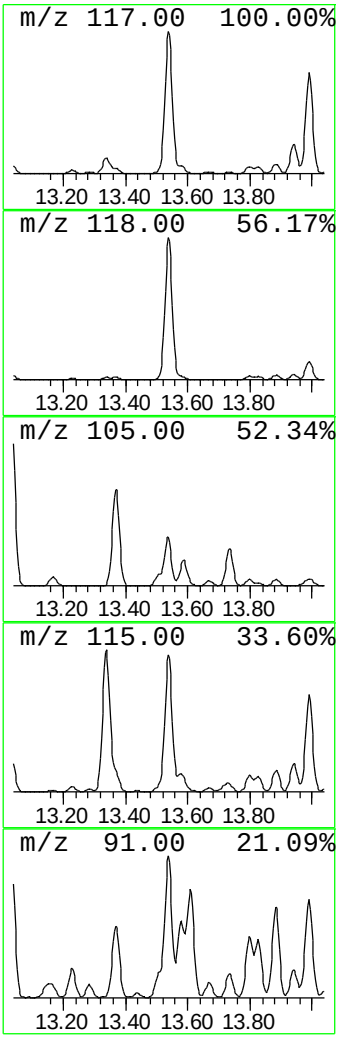
****

Peak Number 1 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	63.02 ug/l	1238490	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Indane	118	C9H10	000496-11-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

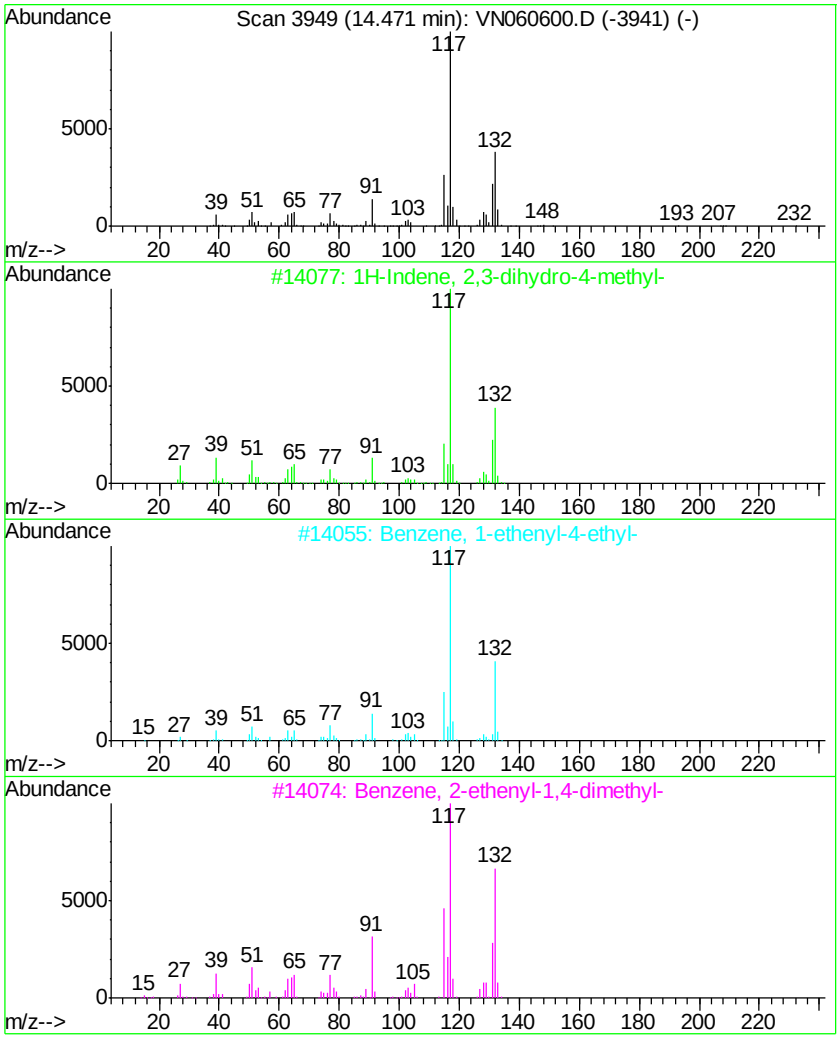
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

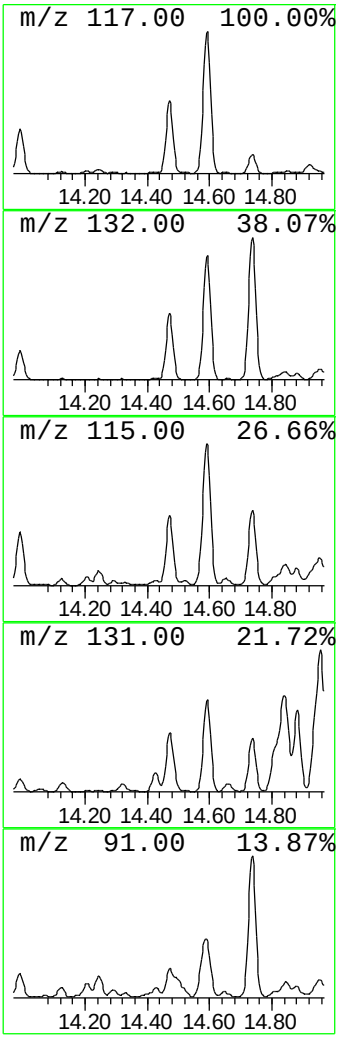
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	48.04 ug/l	944077	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

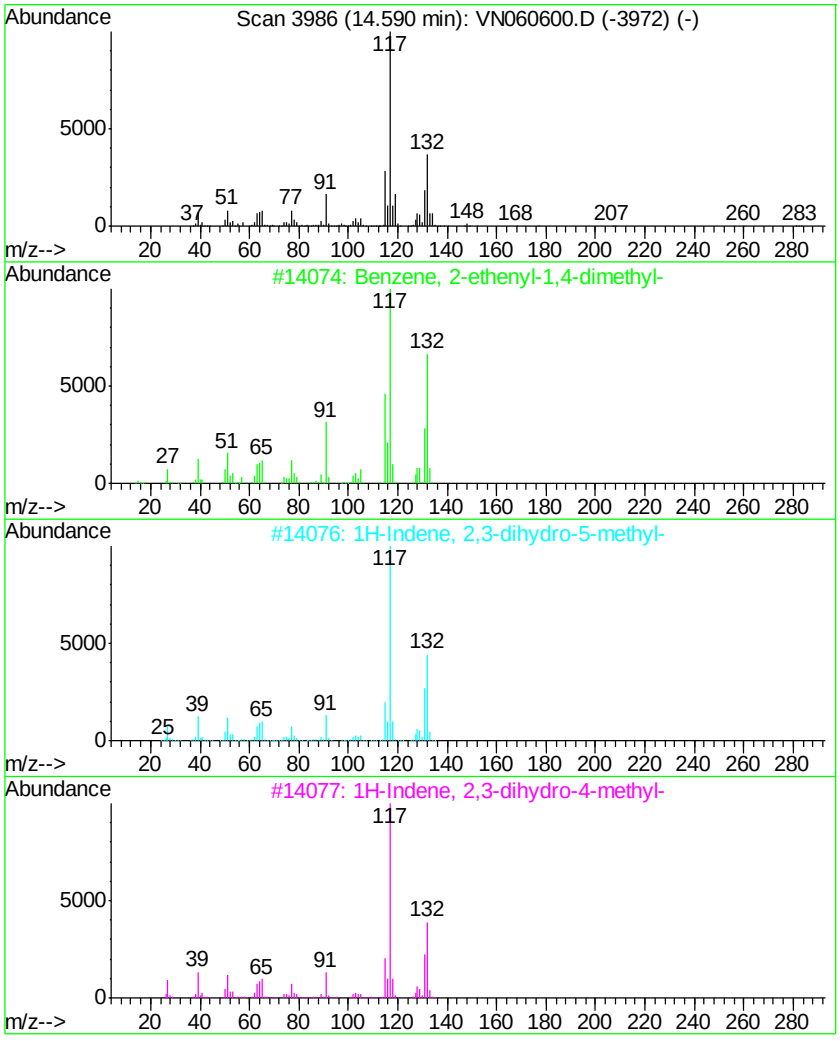
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

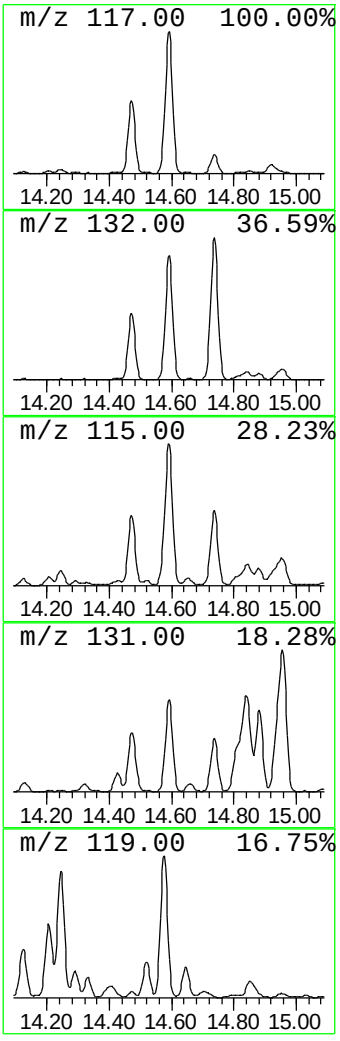
****

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	130.34 ug/l	2561380	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

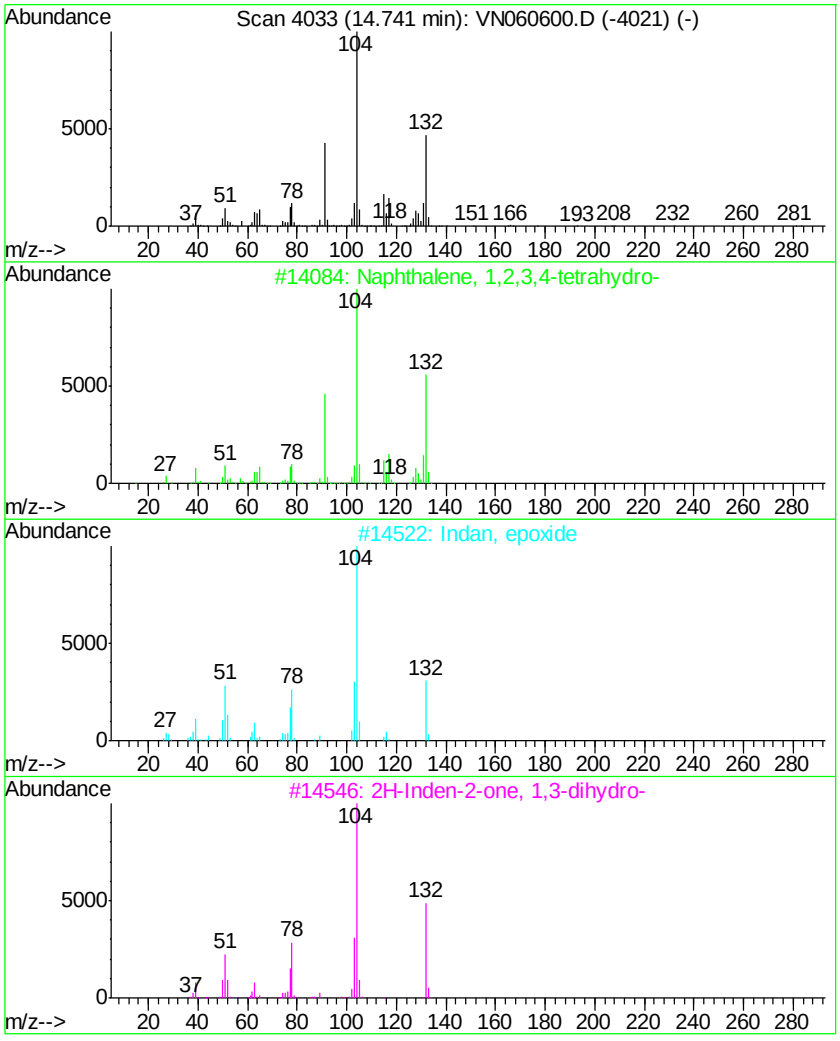
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

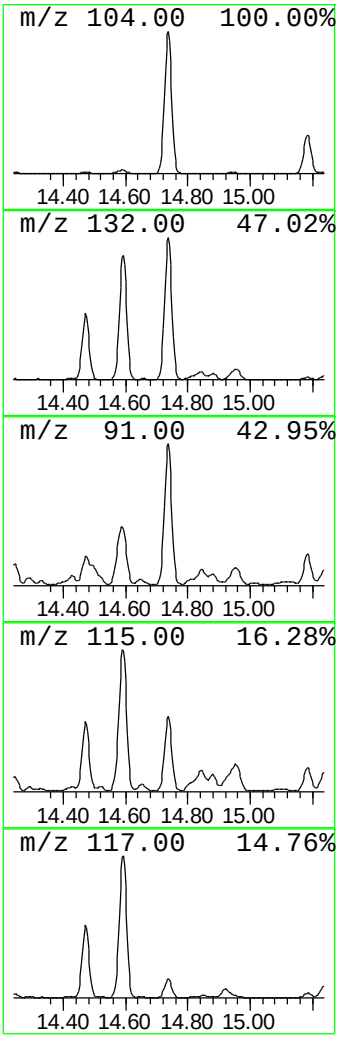
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	101.99 ug/l	2004320	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

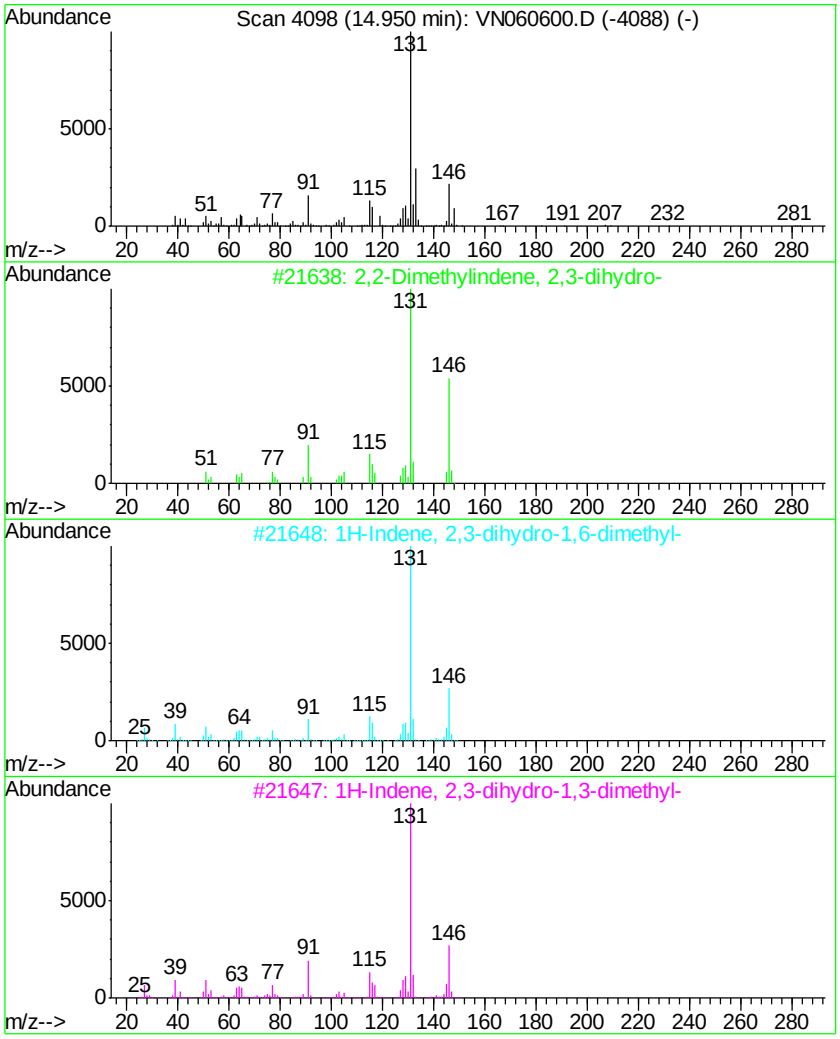
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

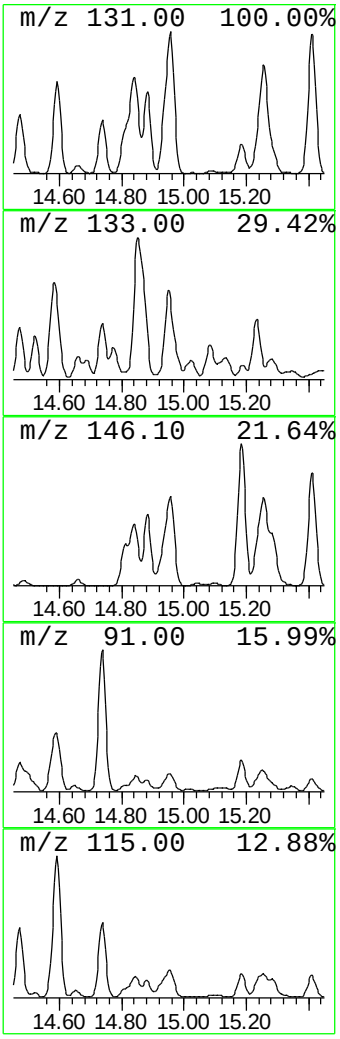
****

Peak Number 5 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	35.03 ug/l	688448	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

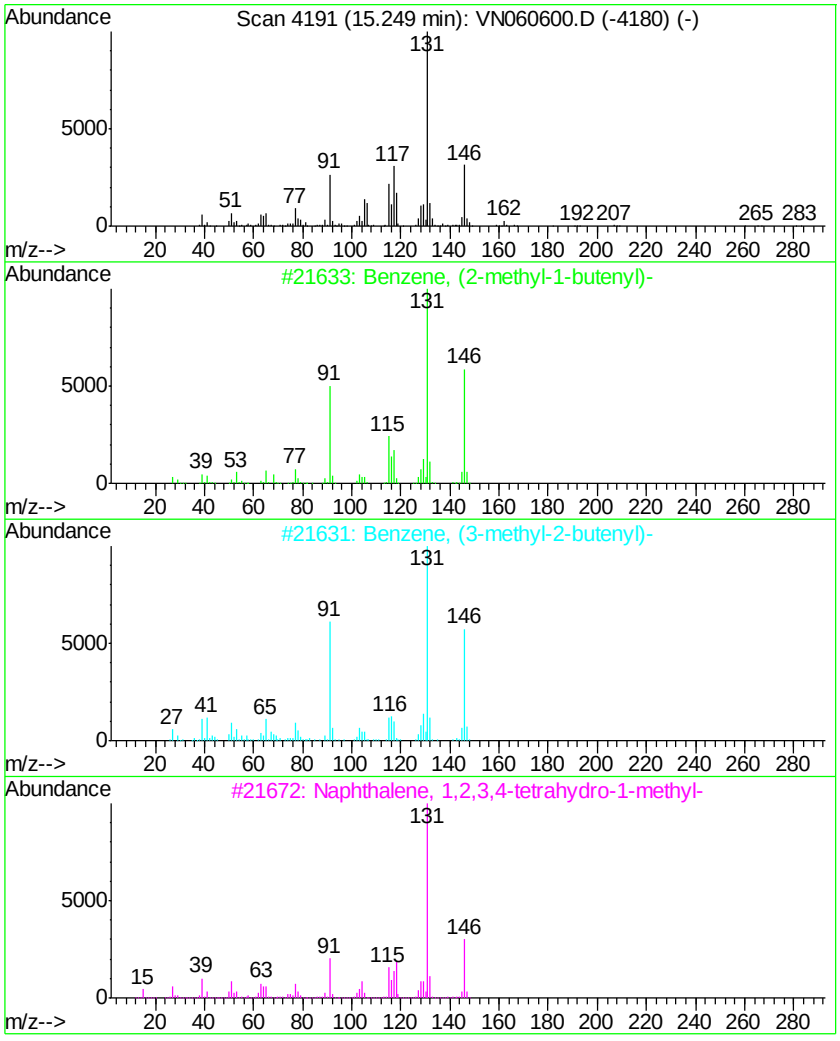
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

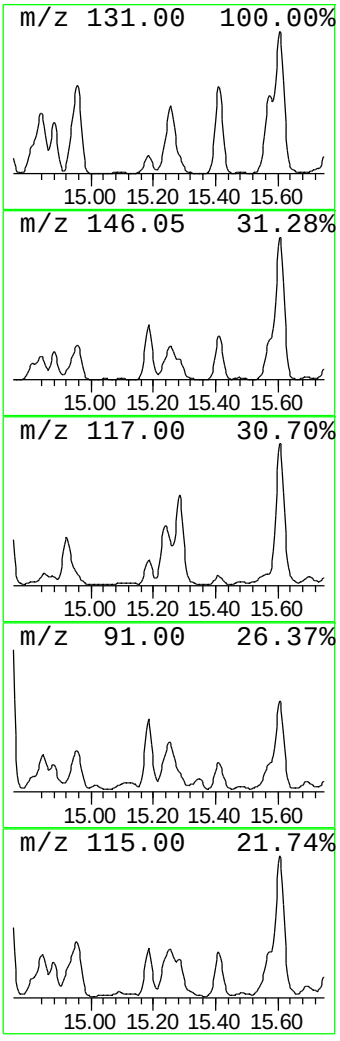
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	46.65 ug/l	916782	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

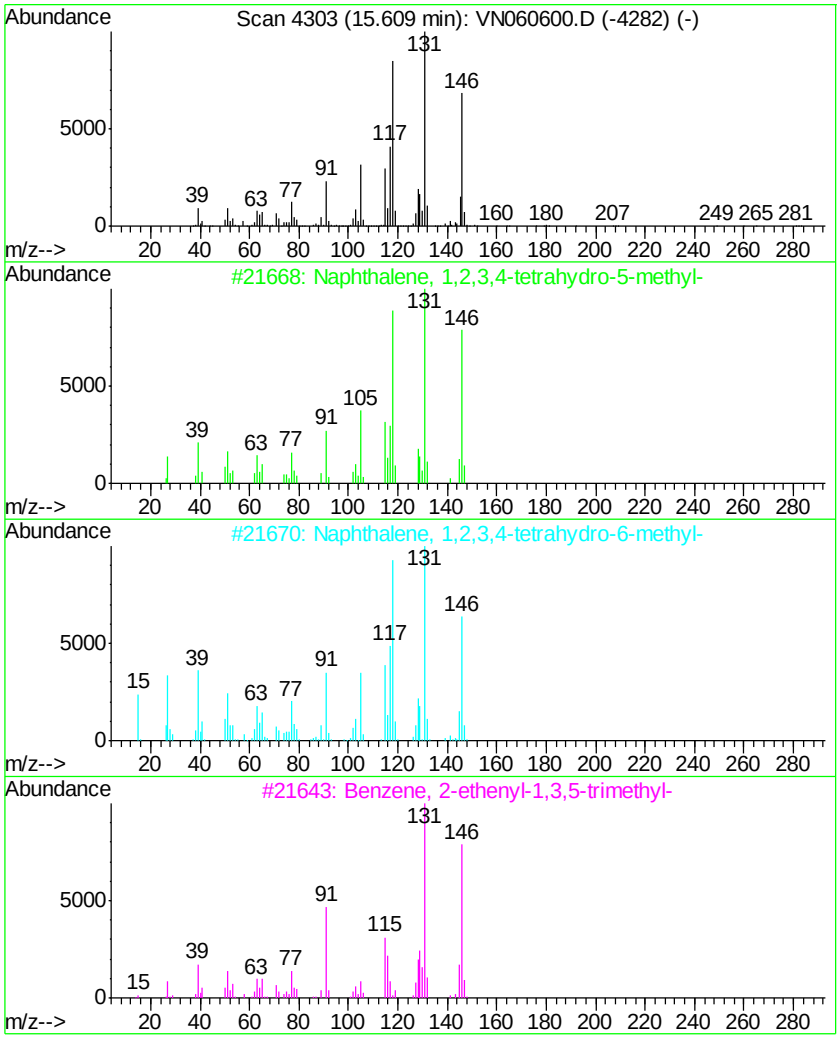
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

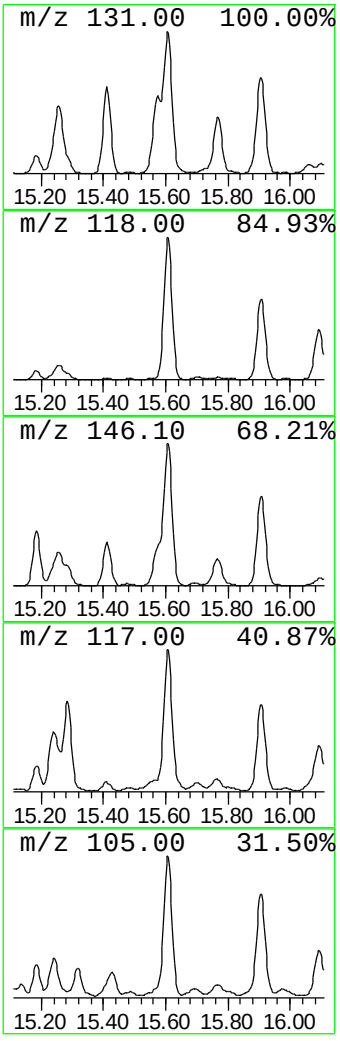
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	115.49 ug/l	2269580	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260

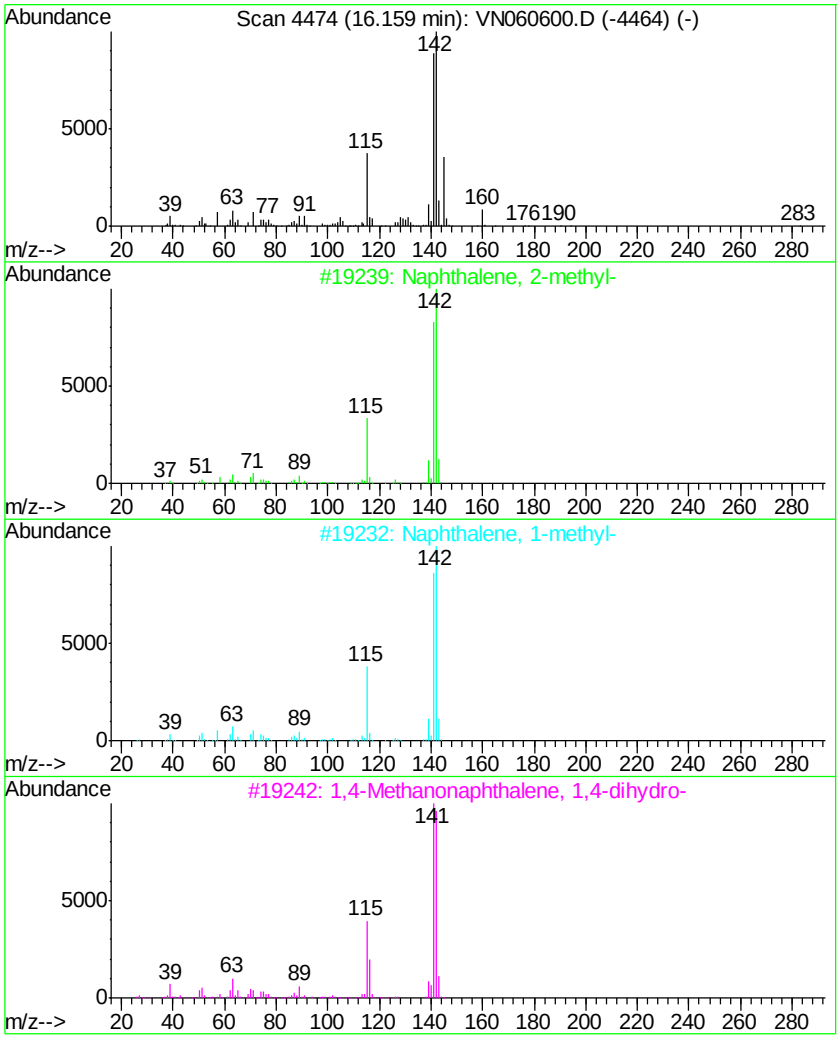
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

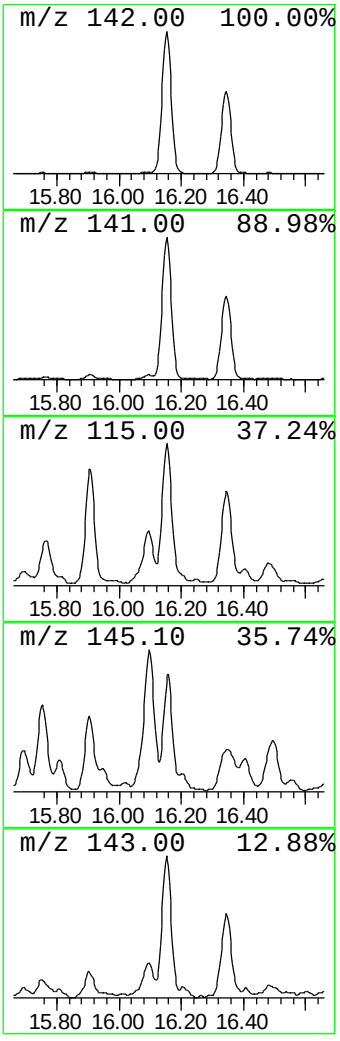
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	41.79 ug/l	821223	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	87
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060600.D
Acq On : 18 Mar 2020 18:19
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.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
Benzene, 1-etheny...	13.54	63.0	ug/l	1238490	4	13.34	982604	50.0
1H-Indene, 2,3-di...	14.47	48.0	ug/l	944077	4	13.34	982604	50.0
Benzene, 2-etheny...	14.59	130.3	ug/l	2561380	4	13.34	982604	50.0
Naphthalene, 1,2,...	14.74	102.0	ug/l	2004320	4	13.34	982604	50.0
2,2-Dimethylinden...	14.95	35.0	ug/l	688448	4	13.34	982604	50.0
Benzene, (2-methy...	15.25	46.6	ug/l	916782	4	13.34	982604	50.0
Naphthalene, 1,2,...	15.61	115.5	ug/l	2269580	4	13.34	982604	50.0
Naphthalene, 1-me...	16.16	41.8	ug/l	821223	4	13.34	982604	50.0