LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	3	8	20	rVB	53522	53274	9.99%	0.905%
2	1.222	37	41	47	rVB2	11685	9370	1.76%	0.159%
3	1.316	60	70	79	rBV2	137833	153748	28.83%	2.611%
4	1.364	82	85	93	rVB4	7466	7307	1.37%	0.124%
5	1.425	100	104	111	rVB3	10443	10947	2.05%	0.186%
6	1.579	140	152	160	rBV	64607	93219	17.48%	1.583%
7	1.643	169	172	184	rVB3	15016	16296	3.06%	0.277%
8	1.817	220	226	235	rVB3	12946	17369	3.26%	0.295%
9	2.123	312	321	335	rVB	110157	161426	30.27%	2.742%
10	2.775	516	524	535	rVB5	15688	25207	4.73%	0.428%
11	3.946	874	888	923	rBV4	55763	232670	43.63%	3.952%
12	4.380	1004	1023	1043	rBV2	100377	248829	46.66%	4.226%
13	4.695	1111	1121	1122	rBV6	4315	5752	1.08%	0.098%
14	5.071	1221	1238	1267	rBV2	213981	533238	100.00%	9.057%
15	5.643	1402	1416	1436	rBV	197593	409355	76.77%	6.953%
16	5.942	1496	1509	1512	rBV	7661	10635	1.99%	0.181%
17	6.097	1538	1557	1576	rBV2	122687	270183	50.67%	4.589%
18	6.679	1727	1738	1747	rVB6	8284	16479	3.09%	0.280%
19	7.010	1830	1841	1859	rBV	58253	108189	20.29%	1.837%
20	7.283	1917	1926	1929	rBV6	5324	8480	1.59%	0.144%
21	7.338	1931	1943	1957	rVB	238794	417363	78.27%	7.089%
22	7.463	1974	1982	1991	rVB8	5413	9921	1.86%	0.168%
23	7.646	2031	2039	2057	rVB2	35129	76280	14.31%	1.296%
24	7.865	2098	2107	2115	rVV3	13776	23669	4.44%	0.402%
25	8.116	2172	2185	2206	rBV	244372	483652	90.70%	8.214%
26	8.370	2255	2264	2273	rBV3	10748	18873	3.54%	0.321%
27	8.534	2300	2315	2324	rBV3	8457	18372	3.45%	0.312%
28	8.875	2408	2421	2439	rBV	300767	499079	93.59%	8.476%
29	9.035	2463	2471	2475	rBV10	4124	6542	1.23%	0.111%
30	9.129	2490	2500	2501	rBV7	8032	9568	1.79%	0.163%
31	9.335	2557	2564	2567	rBV7	4415	5600	1.05%	0.095%
32	10.148	2805	2817	2825	rVB7	4704	9050	1.70%	0.154%
33	10.238	2834	2845	2860	rVB	94188	157192	29.48%	2.670%
34	10.437	2901	2907	2912	rBV9	4400	5836	1.09%	0.099%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

35	11.270	3154	3166	3190	rBV	303994	481026	90.21%	8.170%
36	11.556	3243	3255	3260	rBV	5626	10413	1.95%	0.177%
37	11.646	3268	3283	3300	rBV	273627	438989	82.33%	7.456%
38	11.846	3336	3345	3353	rBV4	7937	11527	2.16%	0.196%
39	12.701	3608	3611	3622	rVB4	5212	8312	1.56%	0.141%
40	12.974	3691	3696	3703	rVB10	4573	5737	1.08%	0.097%
41	13.505	3851	3861	3866	rBV10	4269	6690	1.25%	0.114%
42	13.566	3871	3880	3886	rBV10	6366	10304	1.93%	0.175%
43	13.637	3893	3902	3913	rVB2	48907	75285	14.12%	1.279%
44	13.727	3916	3930	3941	rBV2	51287	88527	16.60%	1.504%
45	14.135	4048	4057	4067	rBV4	18970	31127	5.84%	0.529%
46	14.247	4079	4092	4101	rBV5	30738	53462	10.03%	0.908%
47	14.321	4102	4115	4126	rVV5	32751	65847	12.35%	1.118%
48	14.383	4126	4134	4147	rVB5	8719	18586	3.49%	0.316%
49	14.473	4152	4162	4171	rBV5	6904	15845	2.97%	0.269%
50	14.521	4171	4177	4183	rBV9	5997	8349	1.57%	0.142%
51	14.637	4209	4213	4219	rBV7	6909	7660	1.44%	0.130%
52	14.714	4226	4237	4247	rVB6	41823	87772	16.46%	1.491%
53	14.791	4250	4261	4270	rBV6	17954	32847	6.16%	0.558%
54	14.858	4272	4282	4291	rVB9	10605	22630	4.24%	0.384%
55	14.939	4304	4307	4322	rVB9	13671	23218	4.35%	0.394%
56	15.032	4330	4336	4344	rVB6	9849	16065	3.01%	0.273%
57	15.128	4358	4366	4374	rVB4	10454	16308	3.06%	0.277%
58	15.180	4374	4382	4395	rVB8	20494	40528	7.60%	0.688%
59	15.341	4425	4432	4448	rVB8	17786	42243	7.92%	0.717%
60	15.450	4458	4466	4479	rVB10	22504	45161	8.47%	0.767%
61	15.530	4482	4491	4499	rVB10	12237	23658	4.44%	0.402%
62	15.585	4499	4508	4513	rBV6	10683	19643	3.68%	0.334%
63	15.620	4515	4519	4526	rVB8	5411	6872	1.29%	0.117%
64	15.707	4538	4546	4550	rBV9	9345	15618	2.93%	0.265%
65	15.842	4581	4588	4591	rBV8	5680	7348	1.38%	0.125%
66	15.874	4595	4598	4606	rVB6	6732	8319	1.56%	0.141%
67	15.955	4615	4623	4627	rBV10	5698	8988	1.69%	0.153%

Sum of corrected areas: 5887874

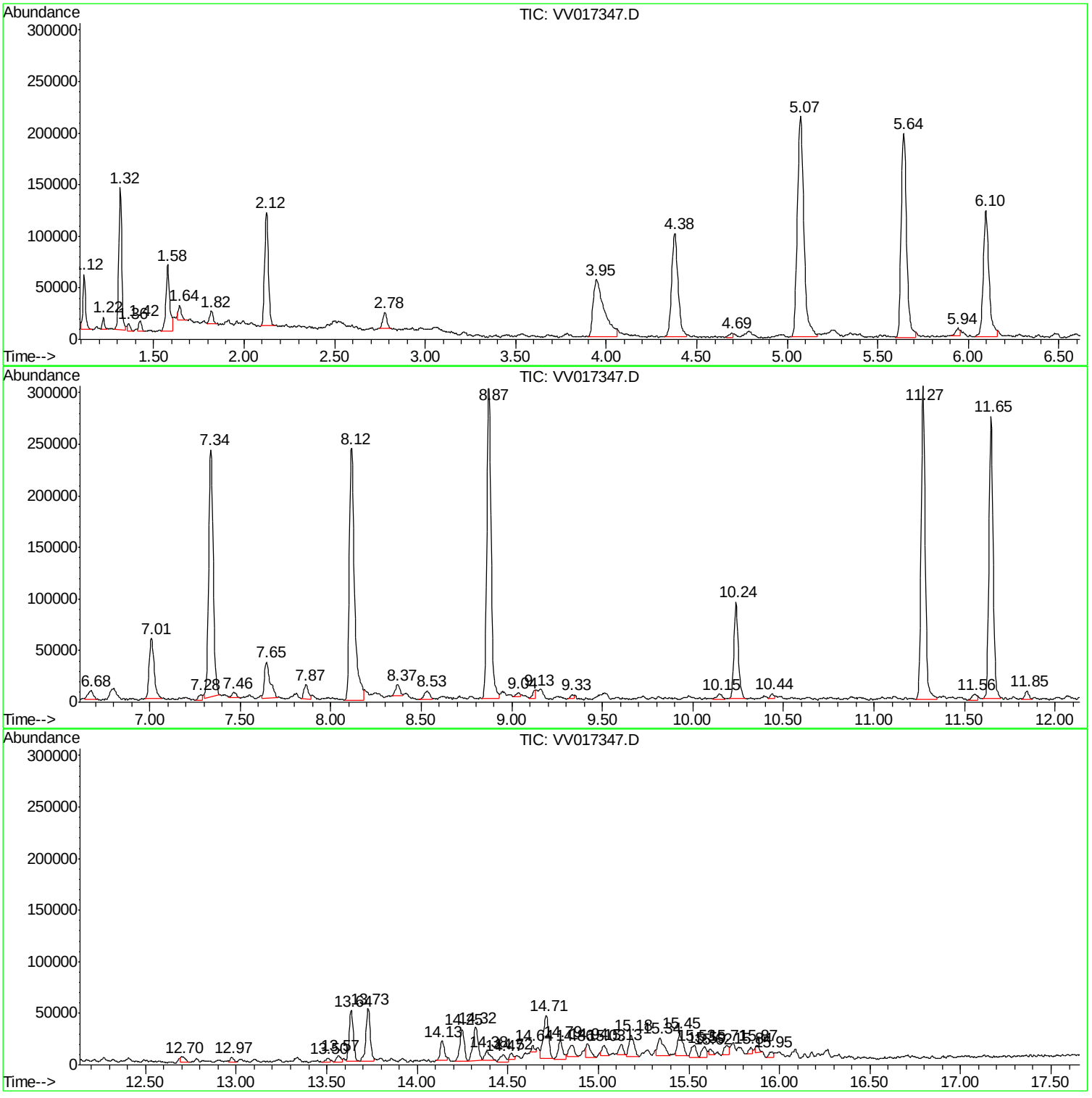
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

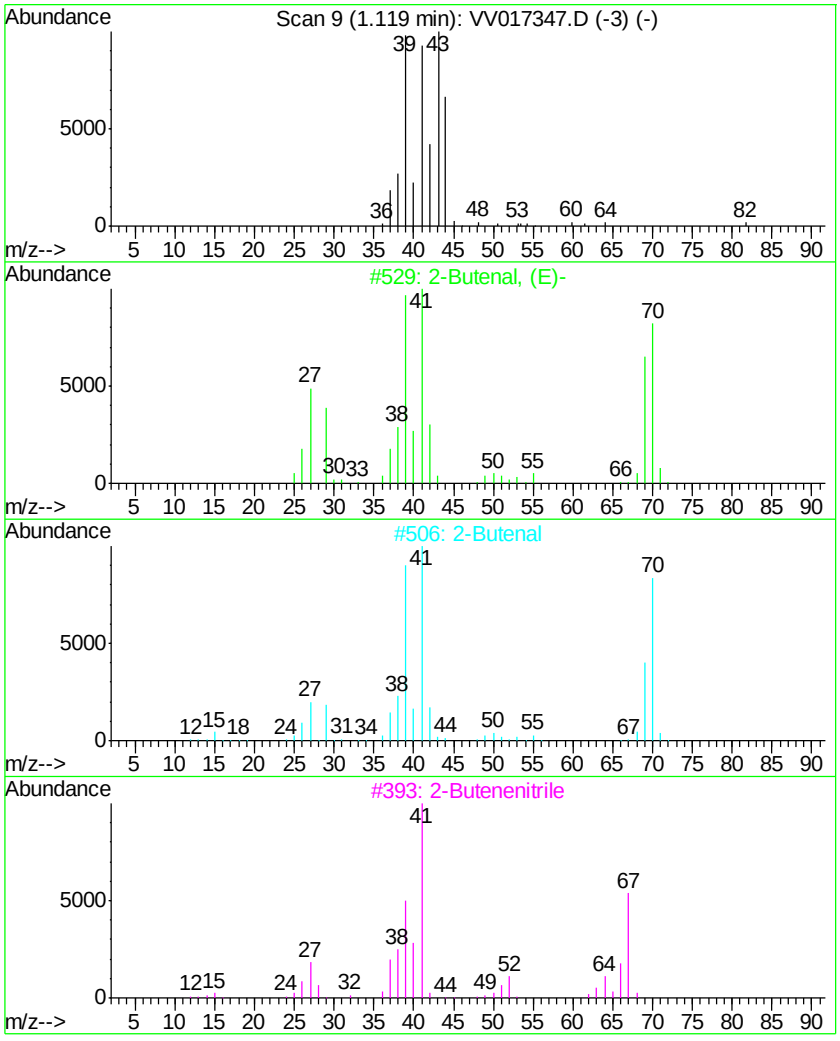
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

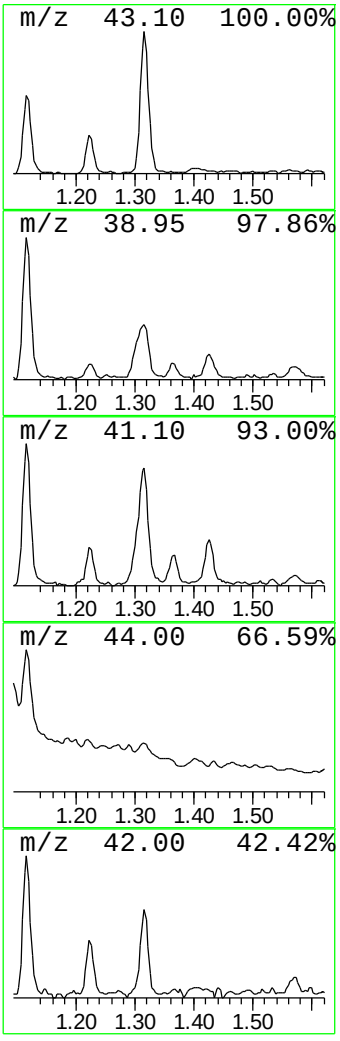
****

Peak Number 1 2-Butenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.65 ug/L	53274	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, (E)-	70	C4H6O	000123-73-9	64
2	2-Butenal	70	C4H6O	004170-30-3	45
3	2-Butenenitrile	67	C4H5N	004786-20-3	10
4	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	9
5	2-Butynal	68	C4H4O	001119-19-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

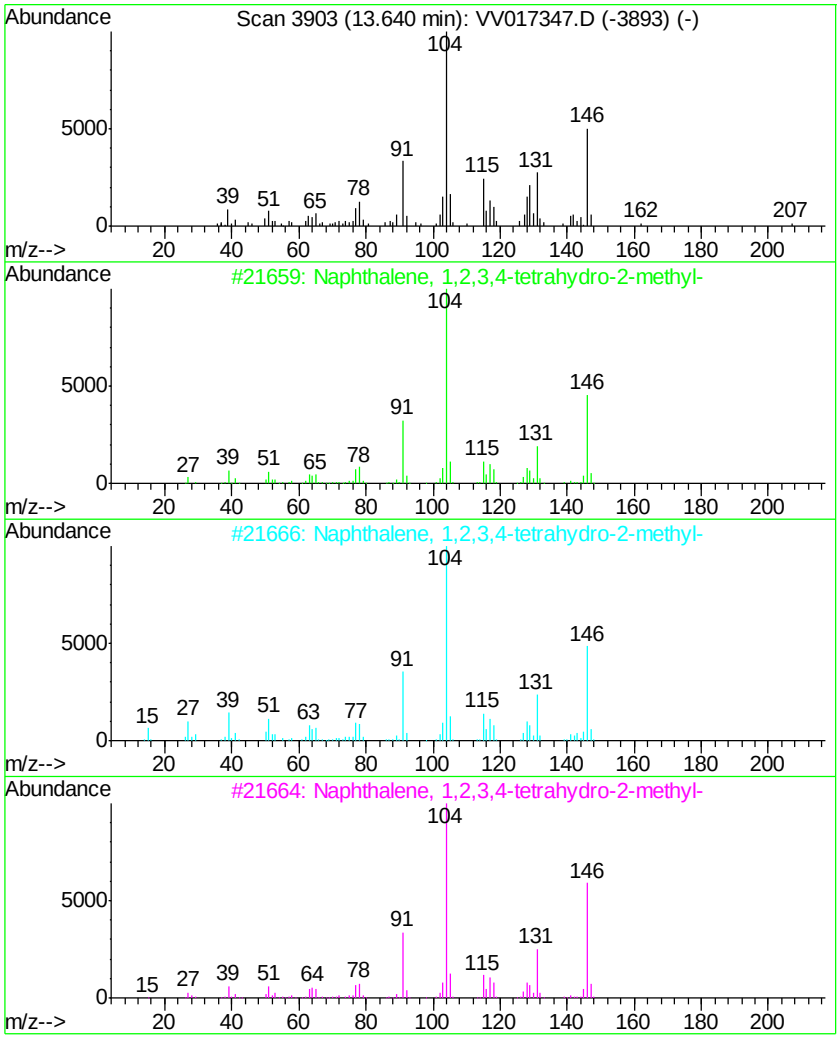
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

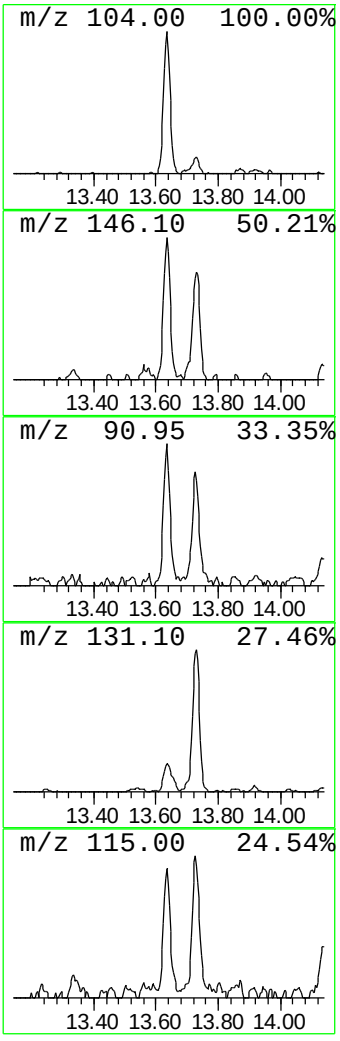
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	0.78 ug/L	75285	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

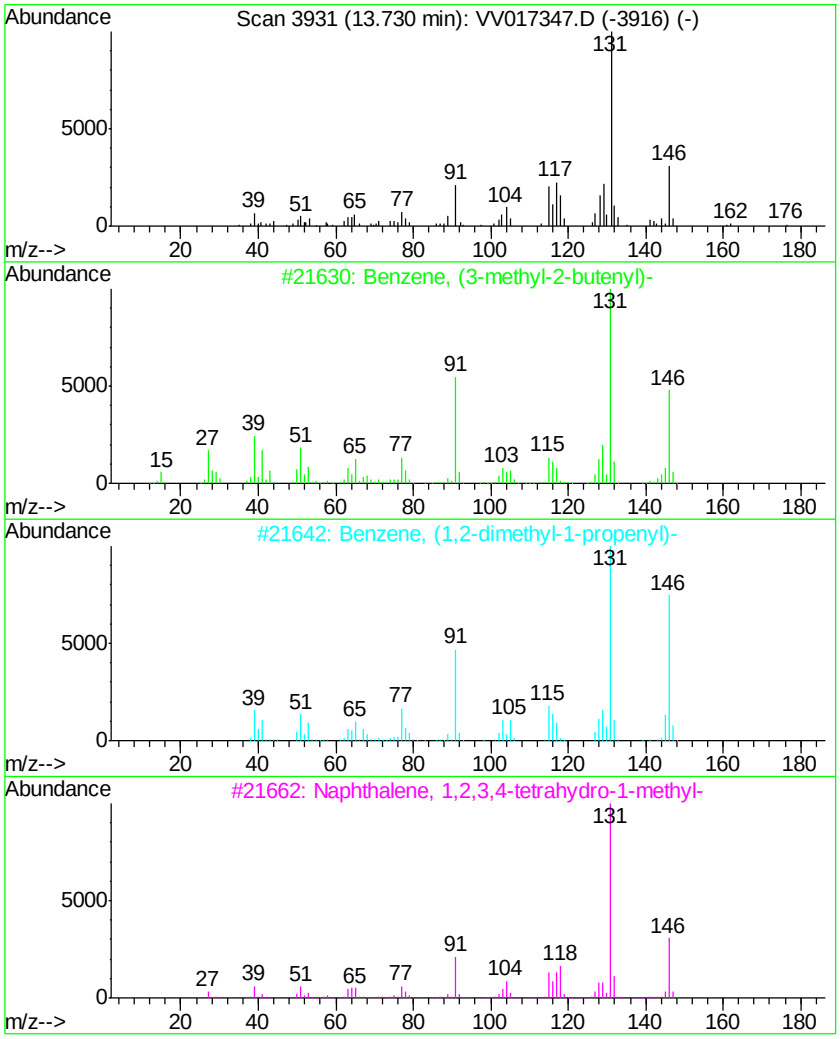
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

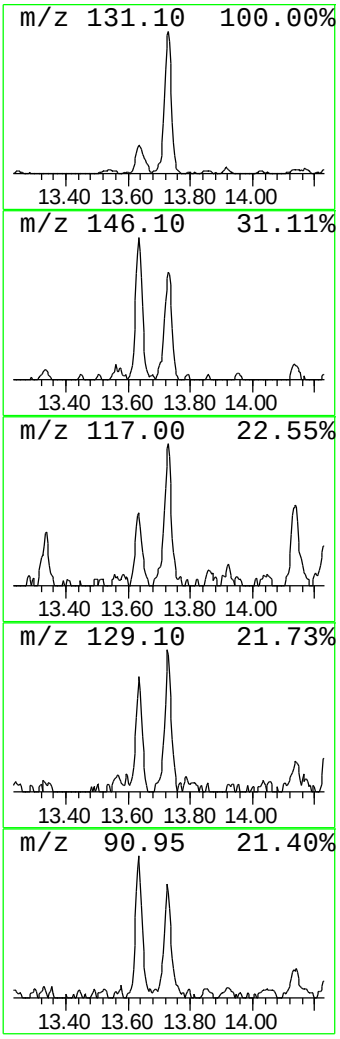
****

Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	0.92 ug/L	88527	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

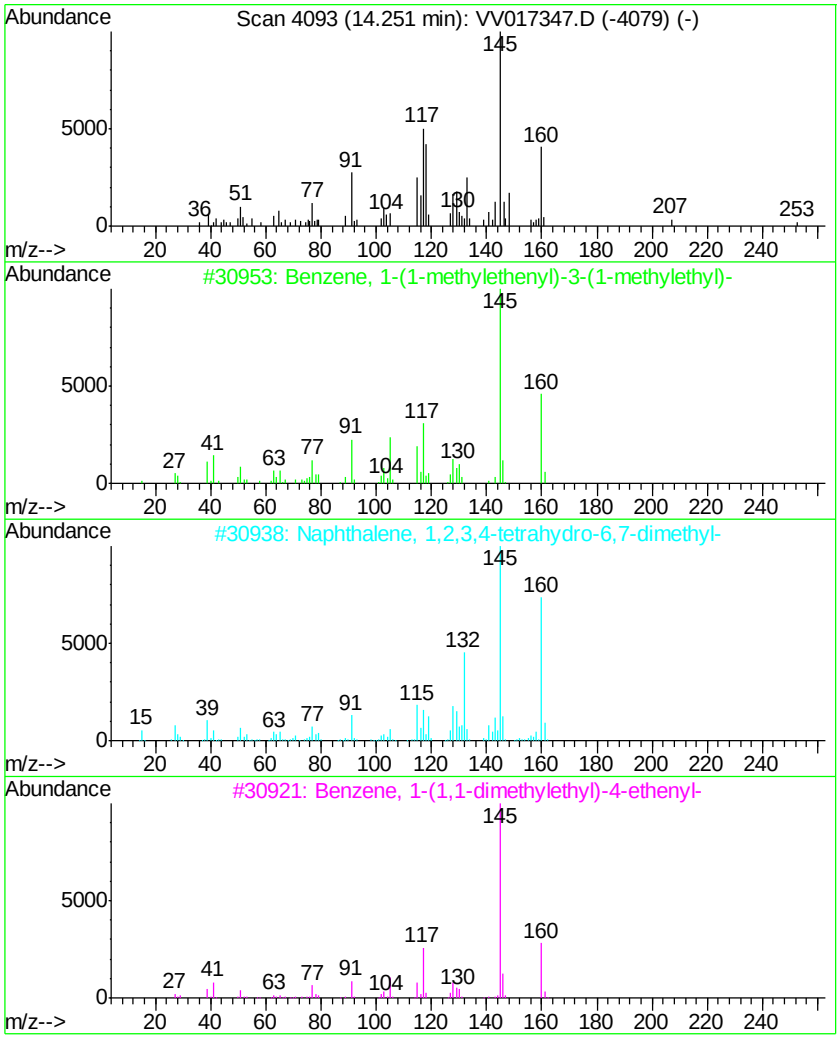
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

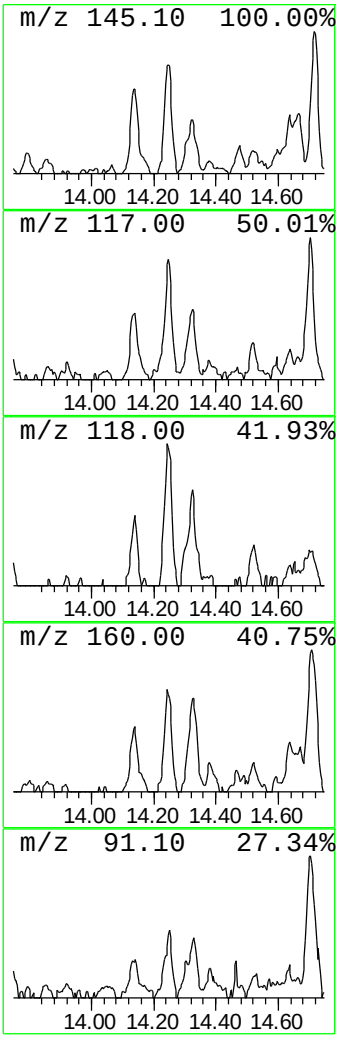
****

Peak Number 5 Benzene, 1-(1-methylethenyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	0.56 ug/L	53462	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

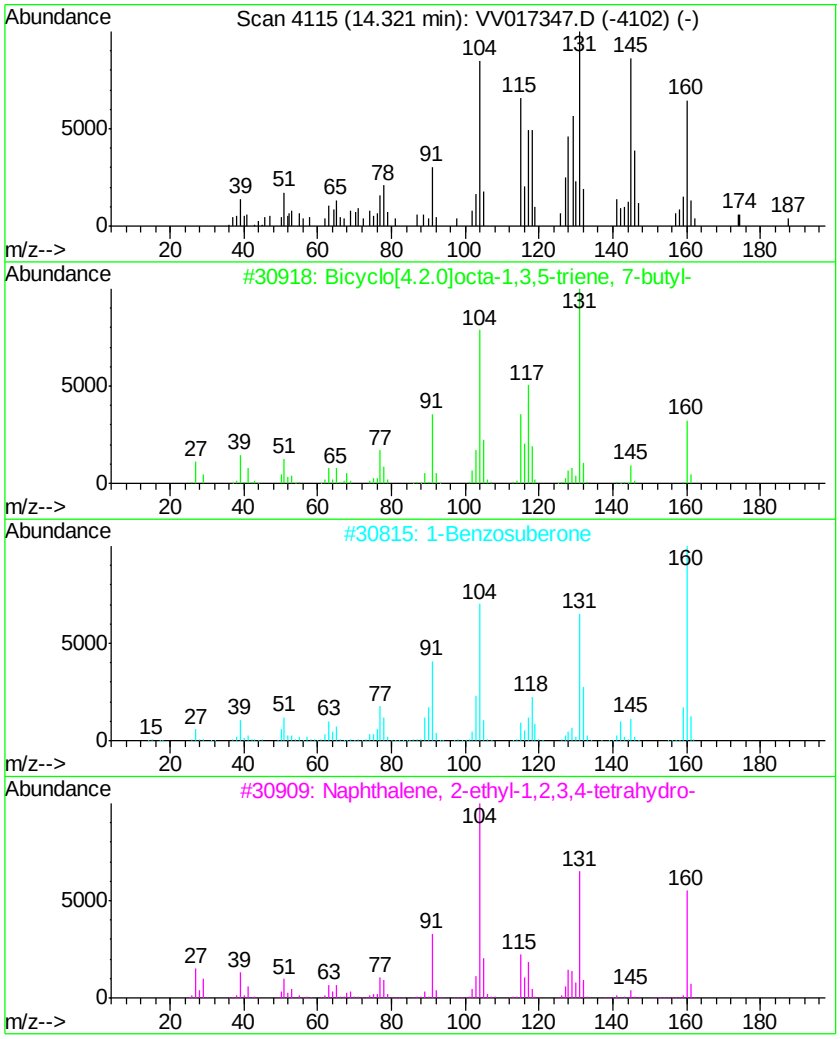
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

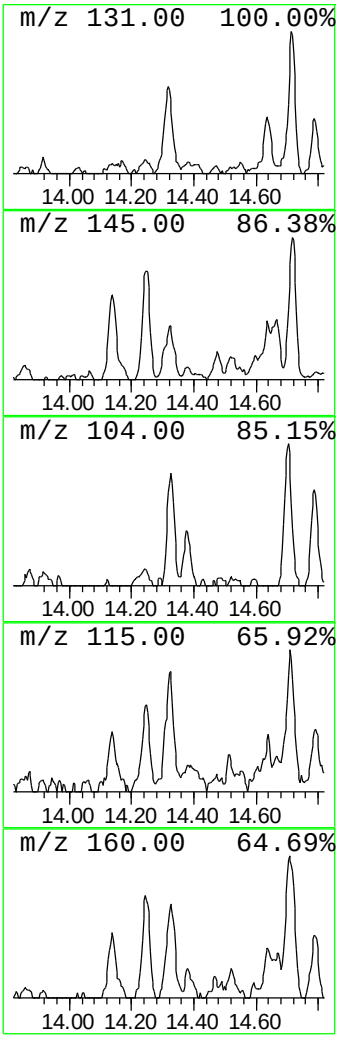
****

Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	0.68 ug/L	65847	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	55
2	1-Benzosuberone	160	C11H12O	000826-73-3	49
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	46
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	41





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

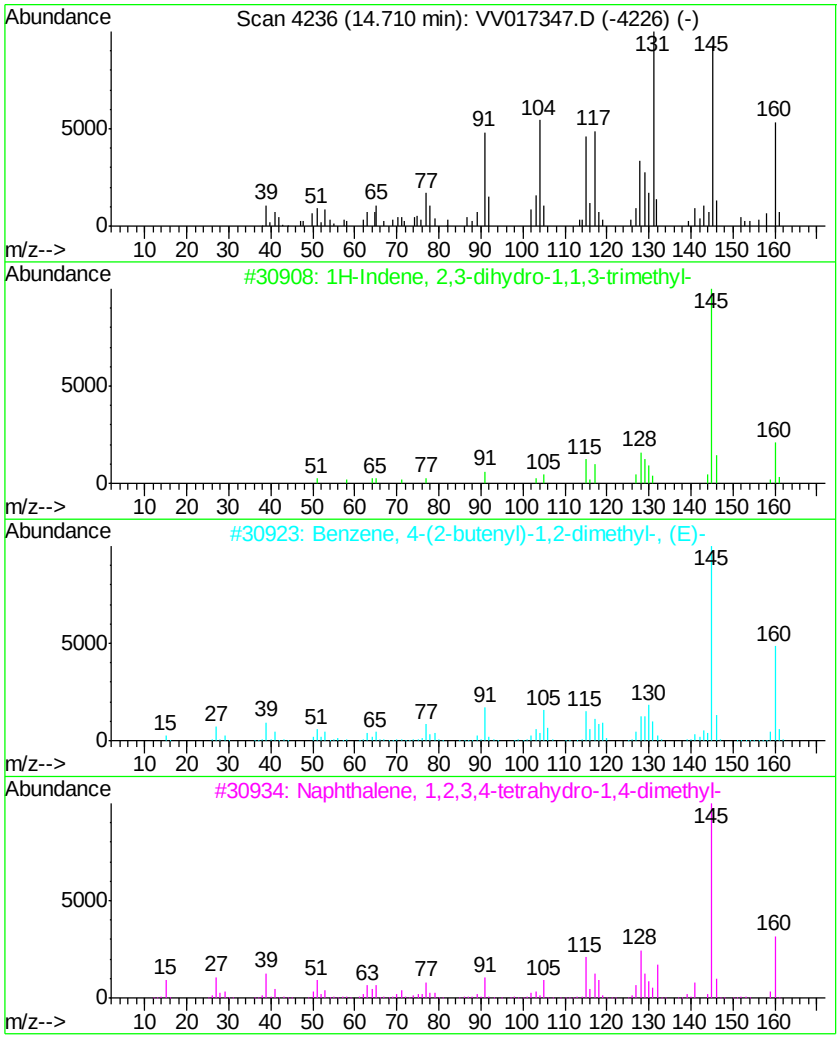
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

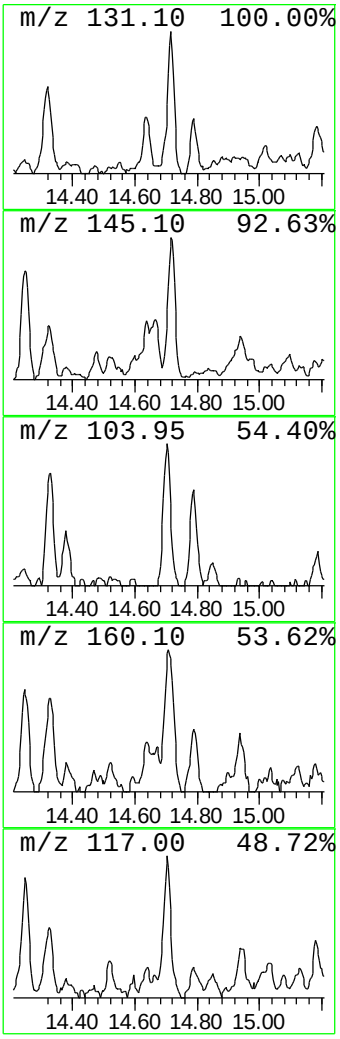
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	0.91 ug/L	87772	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	78
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	60
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017347.D
Acq On : 06 Jul 2020 13:17
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butenal, (E)-	1.12	0.7	ug/L	53274	1	5.64	409355	5.0
Naphthalene, 1,2,...	13.64	0.8	ug/L	75285	3	11.27	481026	5.0
Benzene, (3-methy...	13.73	0.9	ug/L	88527	3	11.27	481026	5.0
Benzene, 1-(1-met...	14.25	0.6	ug/L	53462	3	11.27	481026	5.0
Bicyclo[4.2.0]oct...	14.32	0.7	ug/L	65847	3	11.27	481026	5.0
1H-Indene, 2,3-di...	14.71	0.9	ug/L	87772	3	11.27	481026	5.0