LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

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_X\METHOD\82X112619W.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	1.070	26	30	39	rBV	823929	971690	30.54%	3.767%
2	1.265	59	62	69	rBV	64660	81651	2.57%	0.317%
3	1.600	109	117	121	rVB	41863	106023	3.33%	0.411%
4	2.430	248	253	261	rBV	80253	128664	4.04%	0.499%
5	5.490	741	755	771	rBV	358093	1050695	33.02%	4.074%
6	5.648	771	781	798	rVB	662269	1860882	58.48%	7.215%
7	6.057	838	848	859	rBV	403838	1057353	33.23%	4.100%
8	6.849	968	978	989	rBV	998388	2321483	72.95%	9.001%
9	8.709	1277	1283	1291	rBV	2054144	3182186	100.00%	12.338%
10	10.111	1507	1513	1522	rBV	1994585	2719142	85.45%	10.542%
11	11.013	1657	1661	1666	rBV	43398	53797	1.69%	0.209%
12	11.135	1675	1681	1687	rBV	1653303	2141987	67.31%	8.305%
13	11.355	1711	1717	1723	rBV	42043	53514	1.68%	0.207%
14	11.916	1803	1809	1811	rBV3	25390	42130	1.32%	0.163%
15	11.940	1811	1813	1817	rVB	46910	54076	1.70%	0.210%
16	12.074	1830	1835	1845	rBV	2158332	2613447	82.13%	10.133%
17	12.294	1864	1871	1876	rVV2	222926	285583	8.97%	1.107%
18	12.361	1879	1882	1891	rVB4	32499	74493	2.34%	0.289%
19	12.458	1891	1898	1903	rBV	47456	60205	1.89%	0.233%
20	12.665	1927	1932	1935	rBV	129526	150980	4.74%	0.585%
21	12.696	1935	1937	1942	rVB2	49874	62401	1.96%	0.242%
22	12.751	1942	1946	1954	rBV4	151683	245629	7.72%	0.952%
23	12.891	1961	1969	1975	rVB2	63291	103976	3.27%	0.403%
24	12.970	1975	1982	1989	rBV	132676	212731	6.69%	0.825%
25	13.074	1995	1999	2004	rBV2	38480	52898	1.66%	0.205%
26	13.190	2014	2018	2020	rBV2	67109	81514	2.56%	0.316%
27	13.220	2020	2023	2032	rVB	101042	135940	4.27%	0.527%
28	13.306	2032	2037	2038	rBV4	26671	32257	1.01%	0.125%
29	13.342	2038	2043	2050	rVB3	375338	529386	16.64%	2.053%
30	13.476	2062	2065	2071	rVB	24358	38019	1.19%	0.147%
31	13.562	2075	2079	2081	rVV2	49167	68201	2.14%	0.264%
32	13.592	2081	2084	2088	rVV	81893	121163	3.81%	0.470%
33	13.635	2088	2091	2095	rVV2	133715	193034	6.07%	0.748%
34	13.696	2095	2101	2102	rVV3	79929	144957	4.56%	0.562%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

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_X\METHOD\82X112619W.M
Title : SW846 8260

35	13.714	2102	2104	2113	rVB2	129623	203014	6.38%	0.787%
36	13.806	2115	2119	2121	rBV2	33538	36881	1.16%	0.143%
37	13.848	2122	2126	2131	rVB3	51342	70836	2.23%	0.275%
38	13.909	2131	2136	2140	rVB	291541	370615	11.65%	1.437%
39	13.982	2140	2148	2152	rBV2	237638	348390	10.95%	1.351%
40	14.025	2152	2155	2158	rVB2	57210	62183	1.95%	0.241%
41	14.129	2167	2172	2175	rBV	85627	109025	3.43%	0.423%
42	14.281	2191	2197	2205	rVV2	240711	457632	14.38%	1.774%
43	14.372	2208	2212	2216	rVV	175085	209543	6.58%	0.812%
44	14.427	2216	2221	2225	rVB	136727	176062	5.53%	0.683%
45	14.476	2225	2229	2233	rVB3	39117	58145	1.83%	0.225%
46	14.537	2233	2239	2244	rBV2	263612	367289	11.54%	1.424%
47	14.671	2257	2261	2267	rBV2	123098	210964	6.63%	0.818%
48	14.726	2267	2270	2274	rVB2	107022	133878	4.21%	0.519%
49	14.781	2275	2279	2284	rBV4	34385	43610	1.37%	0.169%
50	14.848	2285	2290	2292	rBV	68276	101667	3.19%	0.394%
51	14.903	2297	2299	2303	rVB2	64952	68863	2.16%	0.267%
52	14.958	2303	2308	2316	rBV5	41605	96940	3.05%	0.376%
53	15.080	2324	2328	2332	rBV	61660	100058	3.14%	0.388%
54	15.244	2350	2355	2362	rVB2	105876	184664	5.80%	0.716%
55	15.317	2362	2367	2373	rBV3	56078	92808	2.92%	0.360%
56	15.439	2381	2387	2390	rBV2	75024	119450	3.75%	0.463%
57	15.470	2390	2392	2396	rVV	57840	67662	2.13%	0.262%
58	15.543	2399	2404	2408	rVV	161710	237566	7.47%	0.921%
59	15.592	2409	2412	2417	rVB3	22737	34248	1.08%	0.133%
60	15.683	2417	2427	2432	rBV	226188	369214	11.60%	1.431%
61	15.805	2443	2447	2453	rBV3	18638	35366	1.11%	0.137%
62	15.884	2455	2460	2461	rVV2	41714	60523	1.90%	0.235%
63	15.915	2461	2465	2472	rVB2	85948	160296	5.04%	0.621%
64	16.061	2483	2489	2494	rBV	73910	133378	4.19%	0.517%
65	16.409	2544	2546	2553	rVB6	20173	39368	1.24%	0.153%

Sum of corrected areas: 25792225

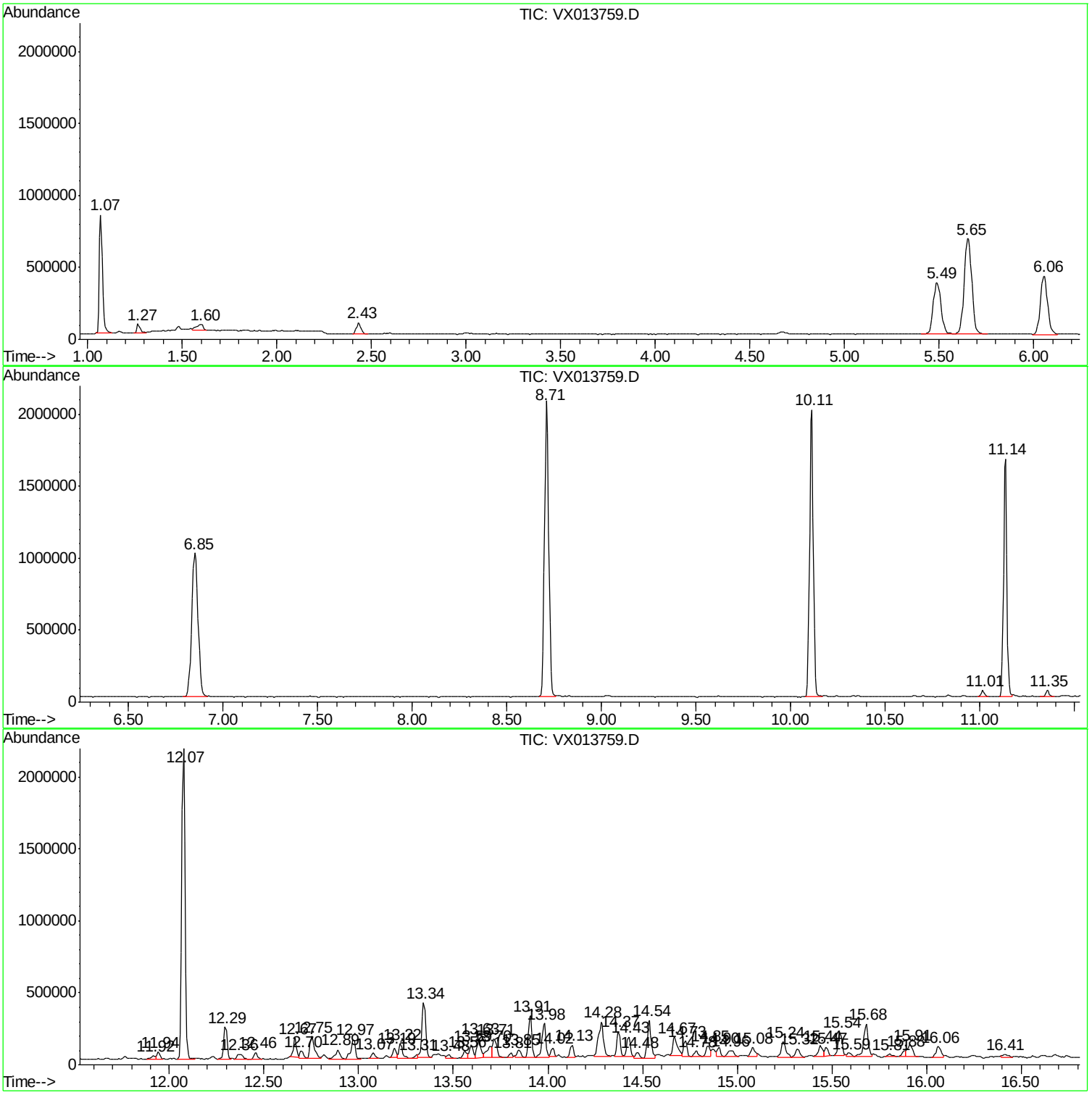
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.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_X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

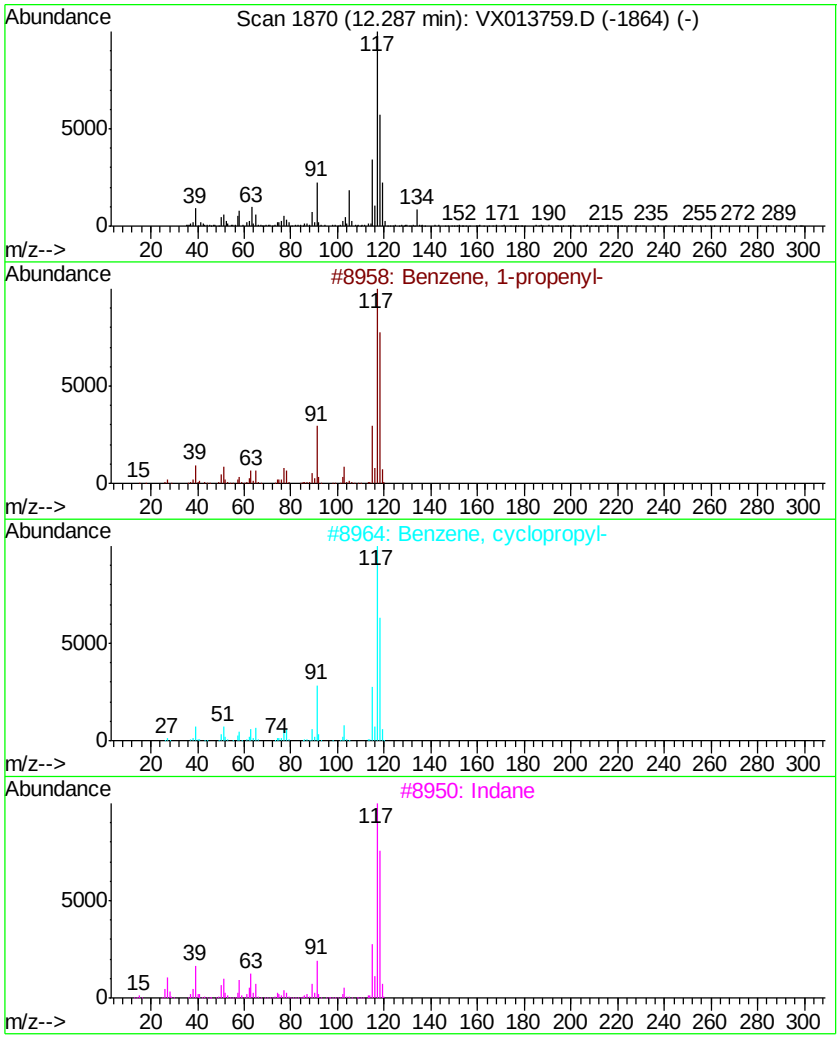
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

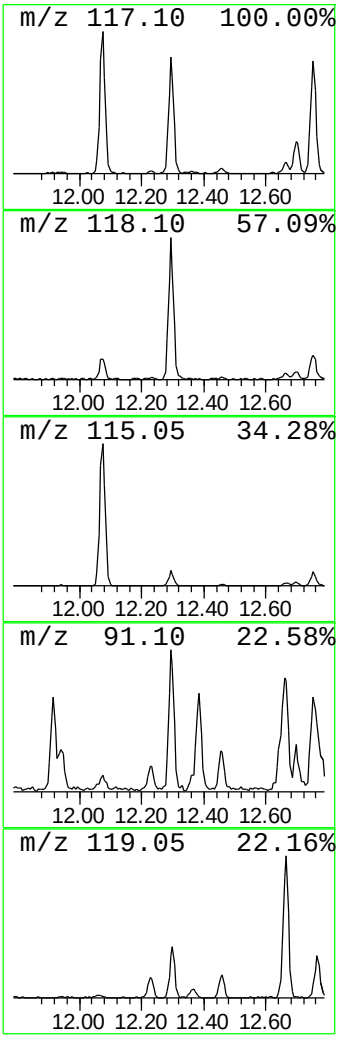
****

Peak Number 2 Benzene, 1-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	5.46 ug/l	285583	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	60
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

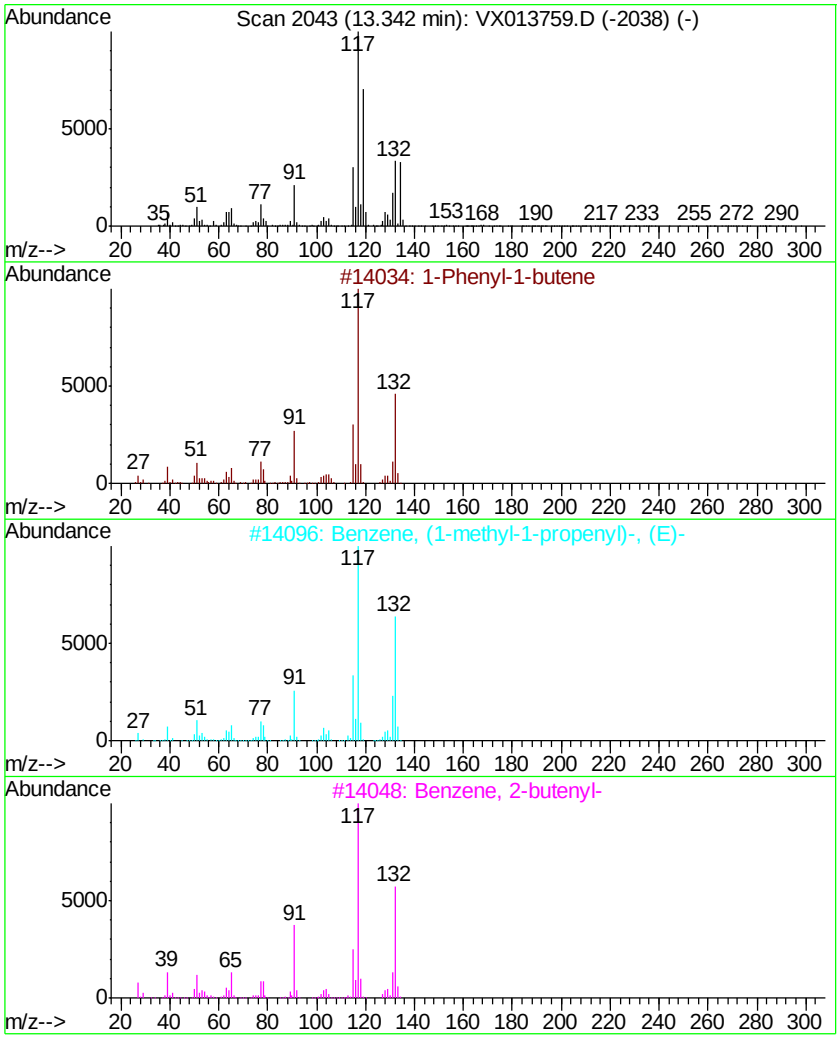
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

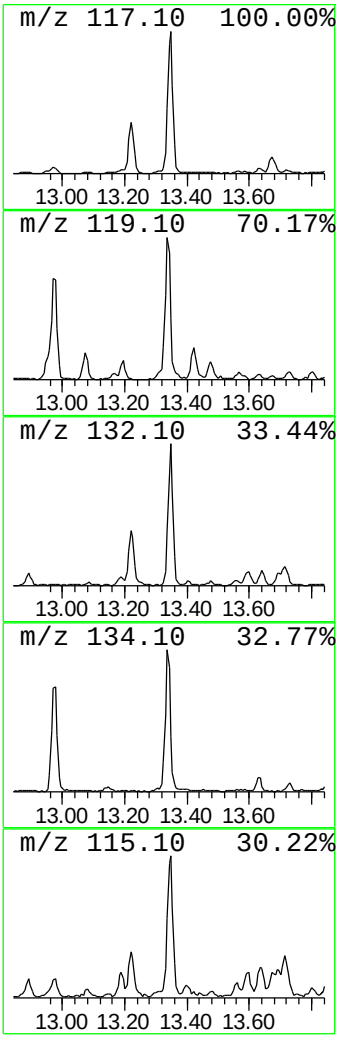
****

Peak Number 3 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	10.13 ug/l	529386	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

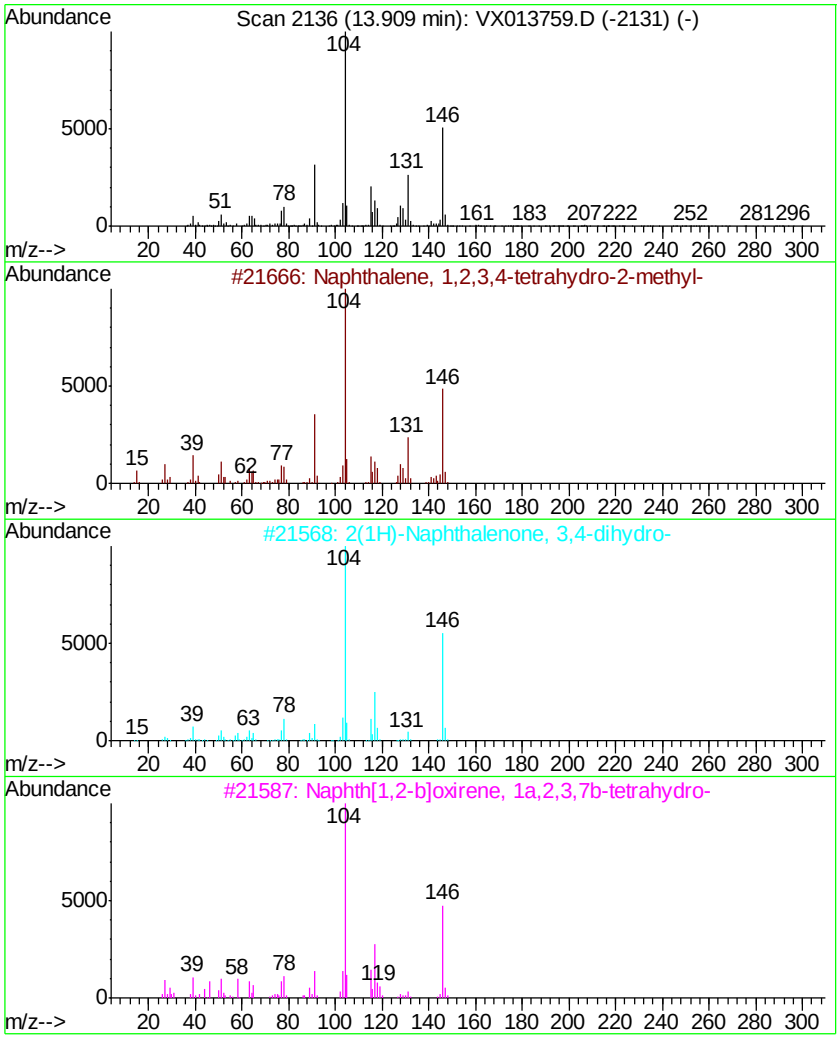
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

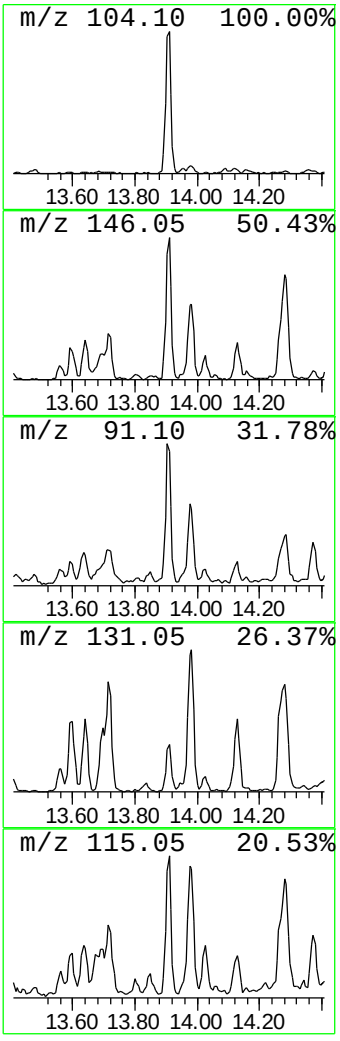
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	7.09 ug/l	370615	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

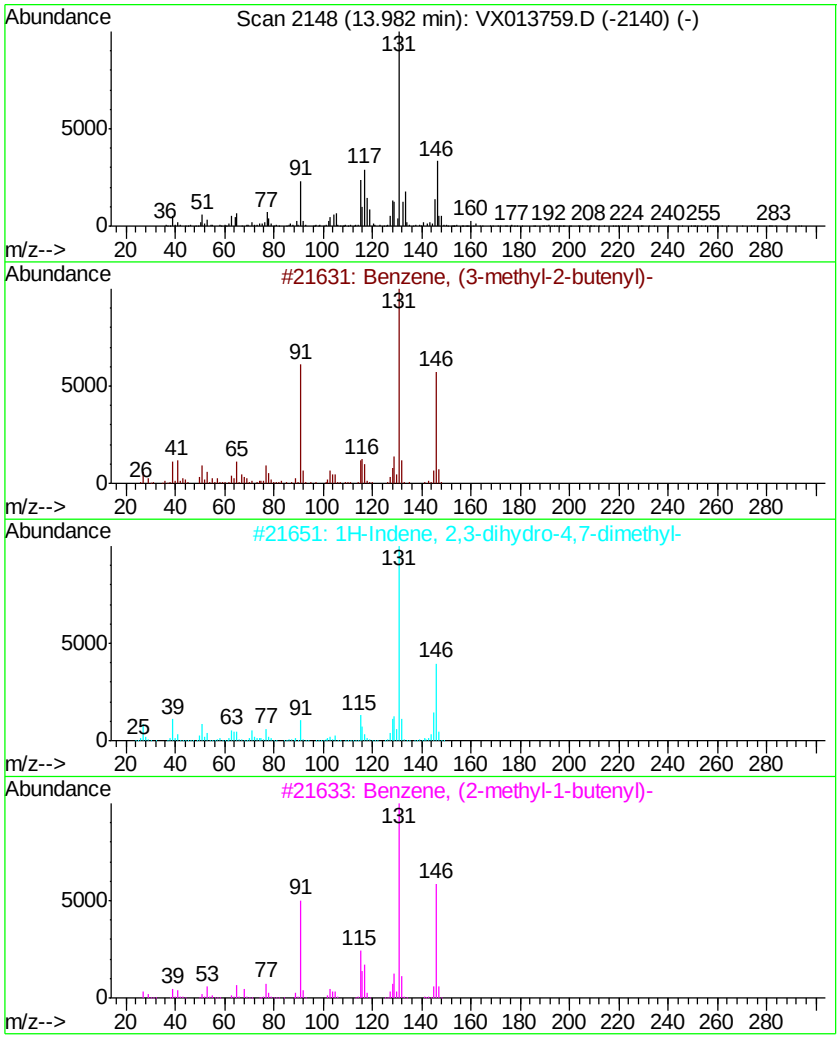
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

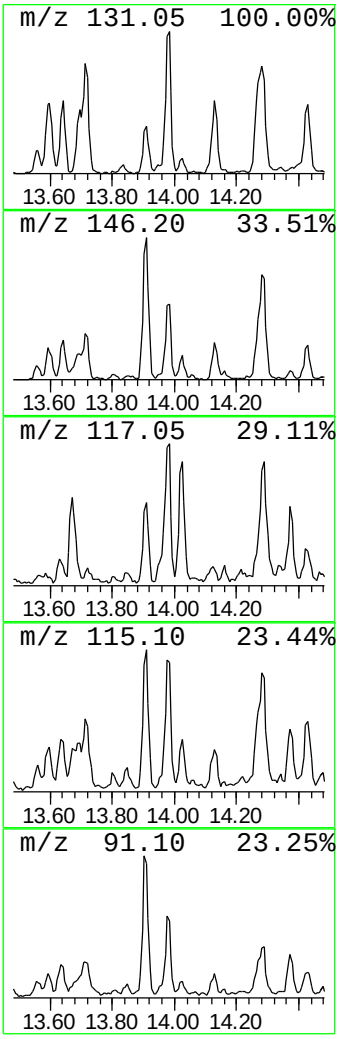
****

Peak Number 5 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	6.67 ug/l	348390	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

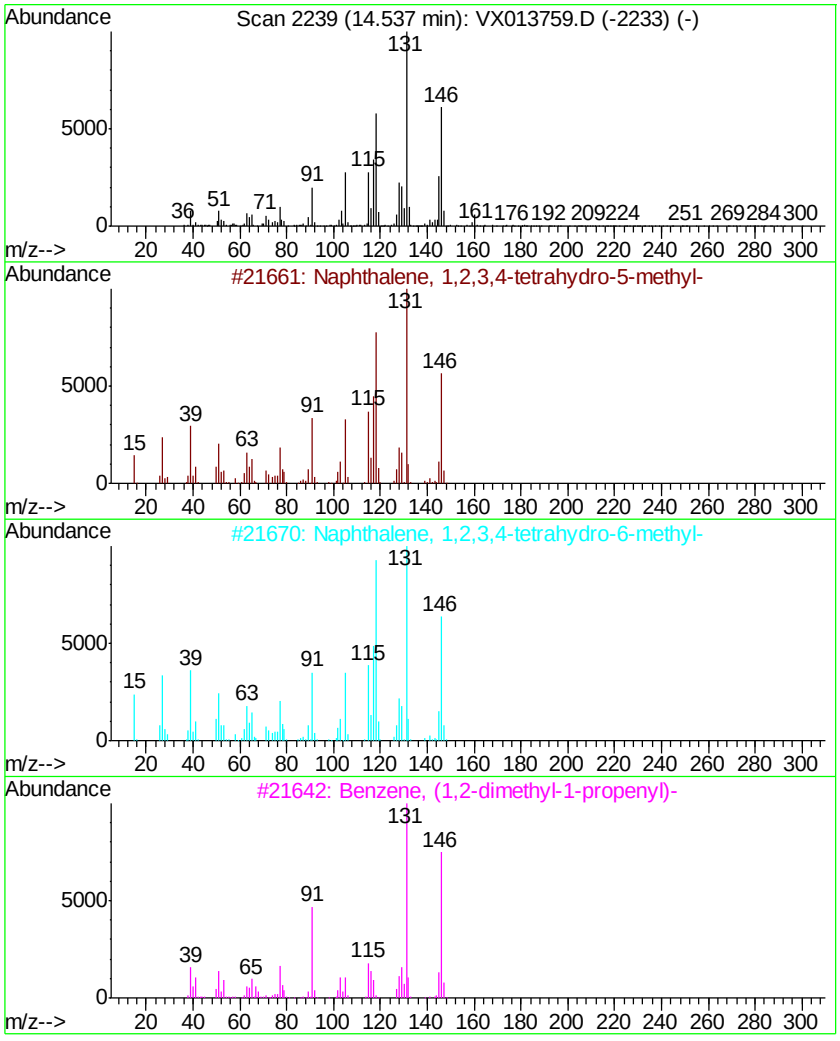
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

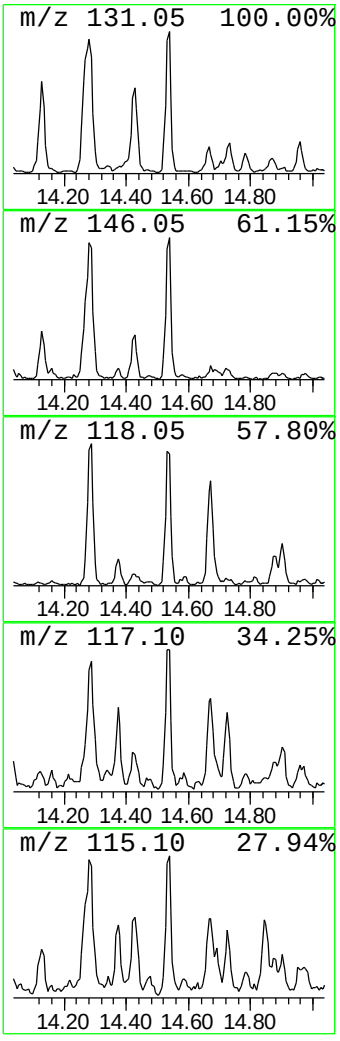
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	7.03 ug/l	367289	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	60
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

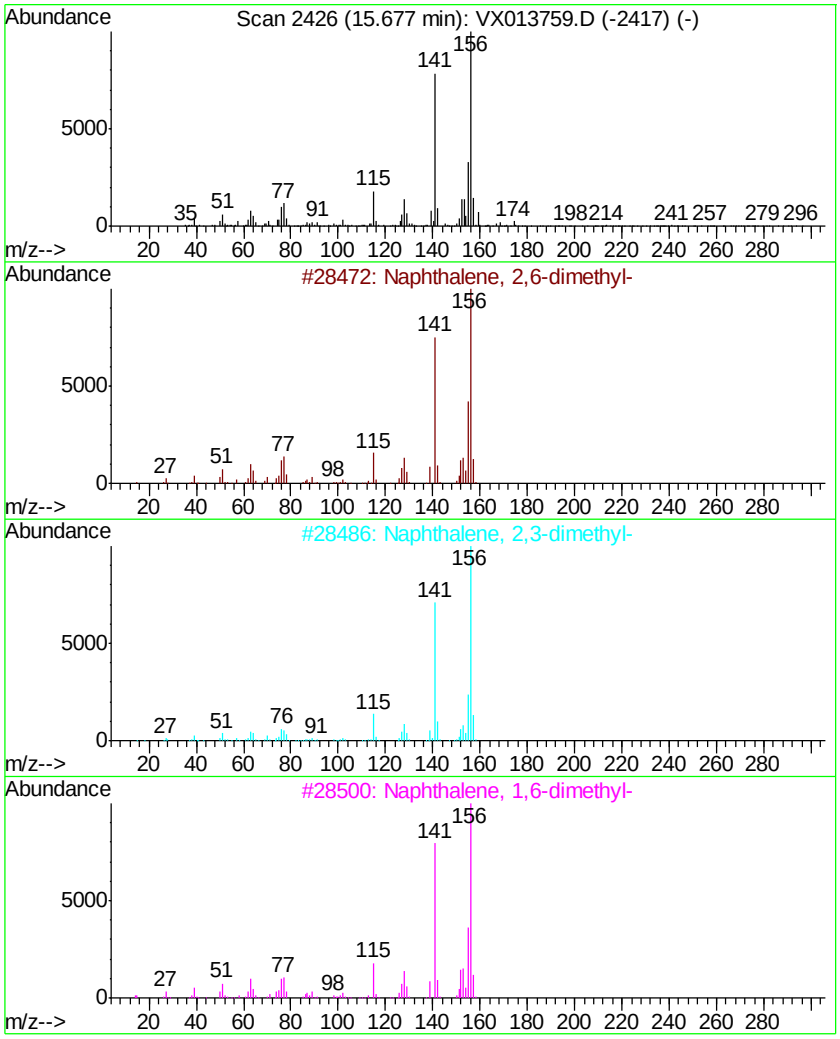
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

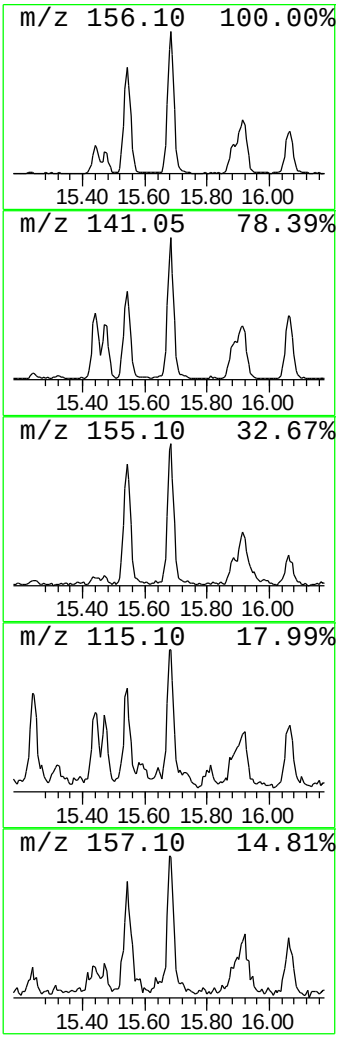
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.06 ug/l	369214	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C6-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.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-propenyl-	12.29	5.5	ug/l	285583	4	12.07	2613450	50.0
1-Phenyl-1-butene	13.34	10.1	ug/l	529386	4	12.07	2613450	50.0
Naphthalene, 1,2,...	13.91	7.1	ug/l	370615	4	12.07	2613450	50.0
Benzene, (3-methy...	13.98	6.7	ug/l	348390	4	12.07	2613450	50.0
Naphthalene, 1,2,...	14.54	7.0	ug/l	367289	4	12.07	2613450	50.0
Naphthalene, 2,6-...	15.68	7.1	ug/l	369214	4	12.07	2613450	50.0