LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

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\82X121818W.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	1.282	18	21	28	rBV2	63235	75359	2.48%	0.350%
2	1.642	65	80	84	rBV5	53582	174819	5.76%	0.812%
3	1.788	100	104	109	rVB4	23566	33660	1.11%	0.156%
4	2.446	207	212	219	rVB	70729	109111	3.60%	0.507%
5	2.617	235	240	248	rVB	63651	119317	3.93%	0.554%
6	2.775	261	266	272	rBV	21468	41339	1.36%	0.192%
7	3.025	301	307	321	rVB	23404	63825	2.10%	0.296%
8	3.166	324	330	336	rVB3	22834	55486	1.83%	0.258%
9	4.397	520	532	541	rVB2	21171	56555	1.86%	0.263%
10	5.501	702	713	723	rBV2	344869	1000571	32.97%	4.647%
11	5.659	730	739	755	rVB2	610719	1724048	56.81%	8.006%
12	5.933	773	784	794	rVB9	15209	58719	1.93%	0.273%
13	6.068	794	806	815	rBV2	366403	951518	31.35%	4.419%
14	6.147	815	819	825	rVB2	17129	35804	1.18%	0.166%
15	6.257	830	837	844	rVV6	19069	58788	1.94%	0.273%
16	6.360	846	854	862	rVV7	19698	57971	1.91%	0.269%
17	6.452	862	869	880	rVB5	24972	71925	2.37%	0.334%
18	6.860	925	936	948	rBV	917401	2156147	71.04%	10.013%
19	7.061	962	969	980	rBV6	16854	43341	1.43%	0.201%
20	7.458	1024	1034	1042	rVV4	67194	169643	5.59%	0.788%
21	8.573	1212	1217	1224	rVB6	24585	51317	1.69%	0.238%
22	8.665	1224	1232	1234	rBV3	50754	88491	2.92%	0.411%
23	8.713	1234	1240	1255	rVV	1928103	3034983	100.00%	14.094%
24	9.037	1285	1293	1300	rVV4	38694	79726	2.63%	0.370%
25	9.165	1310	1314	1319	rVB3	28912	45662	1.50%	0.212%
26	9.567	1375	1380	1385	rVB5	23685	46058	1.52%	0.214%
27	9.622	1385	1389	1394	rBV	27135	37103	1.22%	0.172%
28	10.110	1463	1469	1479	rBV	1844385	2596648	85.56%	12.059%
29	10.366	1508	1511	1515	rVB3	20377	32350	1.07%	0.150%
30	10.609	1547	1551	1554	rBV4	26554	39058	1.29%	0.181%
31	10.926	1596	1603	1608	rBV5	38262	69018	2.27%	0.321%
32	11.018	1612	1618	1623	rVV	84193	109288	3.60%	0.508%
33	11.140	1632	1638	1644	rBV	1592870	2075894	68.40%	9.640%
34	11.359	1664	1674	1680	rBV	69908	94574	3.12%	0.439%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

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\82X121818W.M
Title : SW846 8260

35	11.670	1721	1725	1731	rVB	38138	55269	1.82%	0.257%
36	12.079	1787	1792	1799	rVB	2082245	2560658	84.37%	11.891%
37	12.298	1821	1828	1836	rVV2	396073	527641	17.39%	2.450%
38	12.365	1836	1839	1846	rVB2	52142	80358	2.65%	0.373%
39	12.463	1850	1855	1861	rVB	55593	75134	2.48%	0.349%
40	12.670	1884	1889	1892	rBV	243356	289968	9.55%	1.347%
41	12.701	1892	1894	1898	rVB2	63904	65096	2.14%	0.302%
42	12.755	1898	1903	1910	rBV	306587	416235	13.71%	1.933%
43	12.896	1921	1926	1931	rVB	41763	60233	1.98%	0.280%
44	12.975	1932	1939	1944	rVV	234828	313762	10.34%	1.457%
45	13.085	1952	1957	1963	rBV3	46198	78484	2.59%	0.364%
46	13.194	1971	1975	1977	rBV2	28288	32729	1.08%	0.152%
47	13.225	1977	1980	1989	rVB	136836	192476	6.34%	0.894%
48	13.316	1990	1995	1996	rBV2	28509	37837	1.25%	0.176%
49	13.347	1996	2000	2005	rBV2	225945	289299	9.53%	1.343%
50	13.481	2019	2022	2028	rVB5	25888	36106	1.19%	0.168%
51	13.566	2029	2036	2038	rVV2	31577	53576	1.77%	0.249%
52	13.603	2038	2042	2045	rVV	107578	153559	5.06%	0.713%
53	13.639	2045	2048	2052	rVV2	93394	143434	4.73%	0.666%
54	13.694	2052	2057	2058	rVV4	56621	79658	2.62%	0.370%
55	13.719	2058	2061	2067	rVB2	100290	167914	5.53%	0.780%
56	13.981	2098	2104	2109	rBV3	35193	55762	1.84%	0.259%
57	14.133	2125	2129	2133	rVB	54371	62236	2.05%	0.289%
58	14.273	2147	2152	2158	rBV	48335	79699	2.63%	0.370%
59	14.377	2165	2169	2175	rBV2	25218	43586	1.44%	0.202%
60	14.432	2175	2178	2181	rVB2	34788	39256	1.29%	0.182%
61	14.542	2190	2196	2202	rBV8	21596	37296	1.23%	0.173%
62	14.840	2240	2245	2250	rBV2	33751	48156	1.59%	0.224%

Sum of corrected areas: 21533533

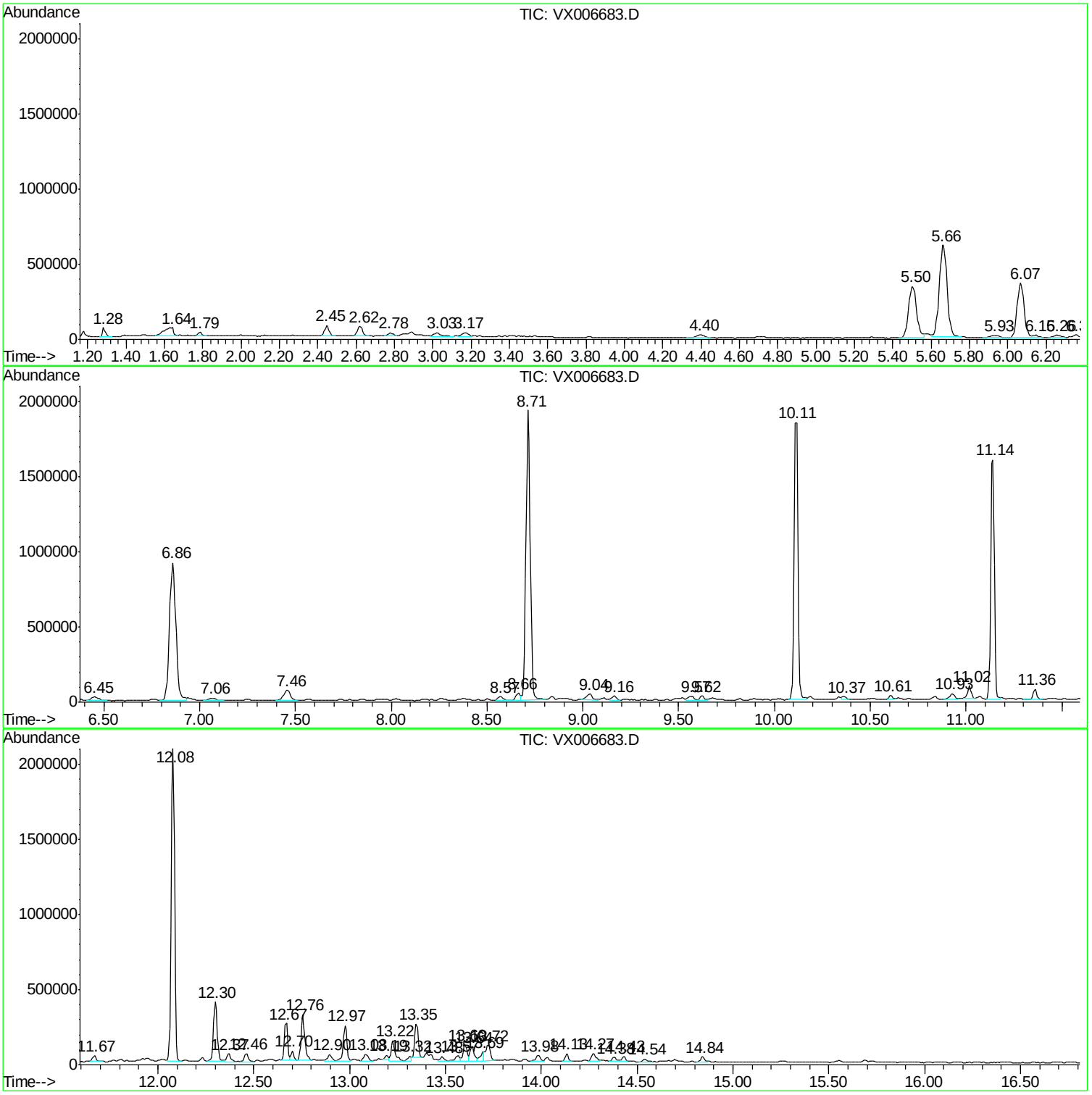
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

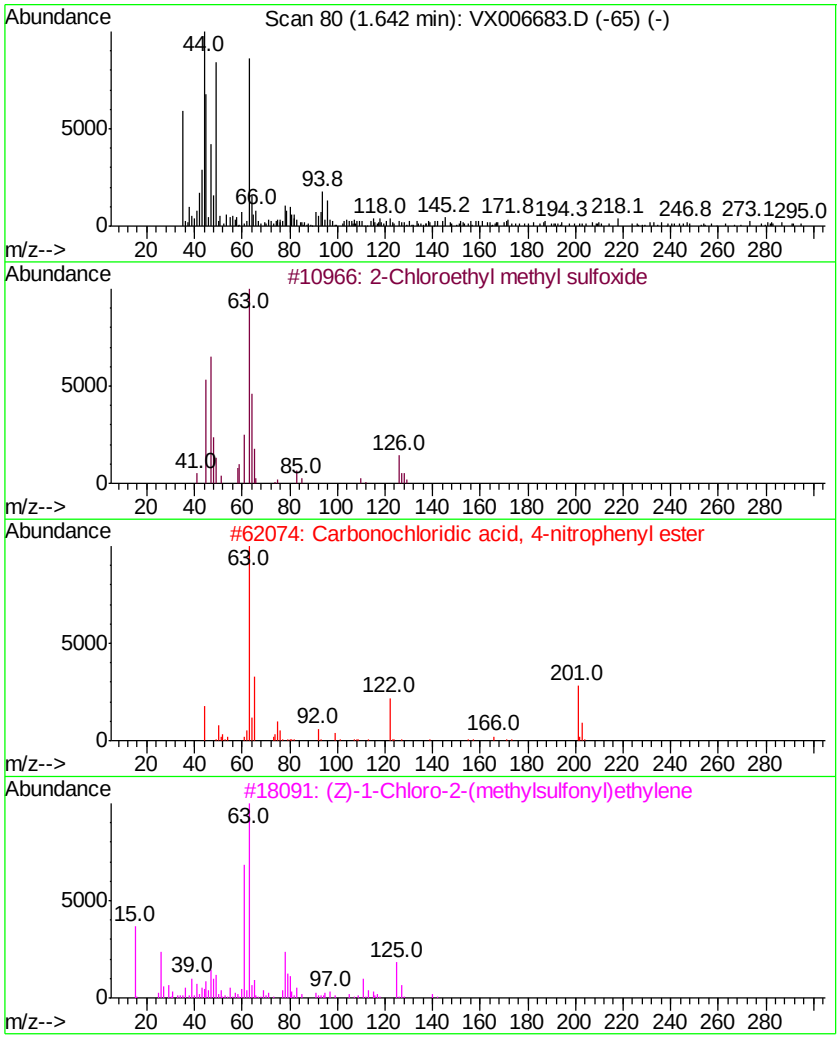
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

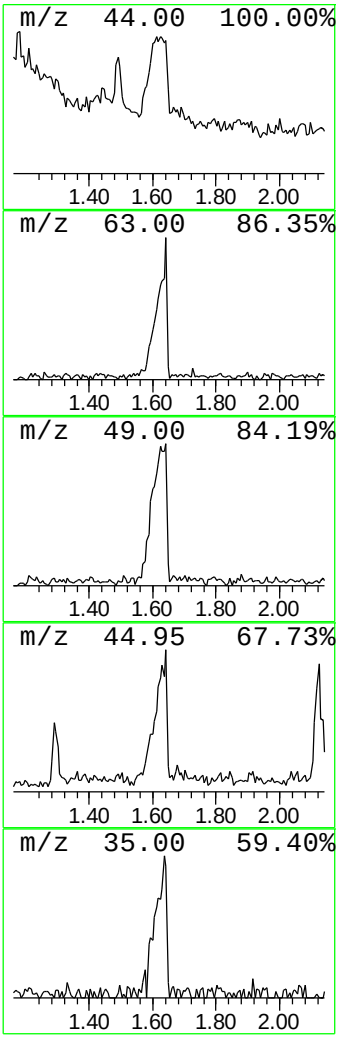
****

Peak Number 1 unknown1.64 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	5.07 ug/l	174819	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl methyl sulfoxide	126	C3H7ClOS	005331-57-7	13
2	Carbonochloridic acid, 4-nitroph...	201	C7H4ClNO4	007693-46-1	12
3	(Z)-1-Chloro-2-(methylsulfonyl)e...	140	C3H5ClO2S	115584-12-8	10
4	Methylene chloride	84	CH2Cl2	000075-09-2	10
5	Bis(2-(2-chloroethoxy)ethyl)ether	230	C8H16Cl2O3	000638-56-2	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

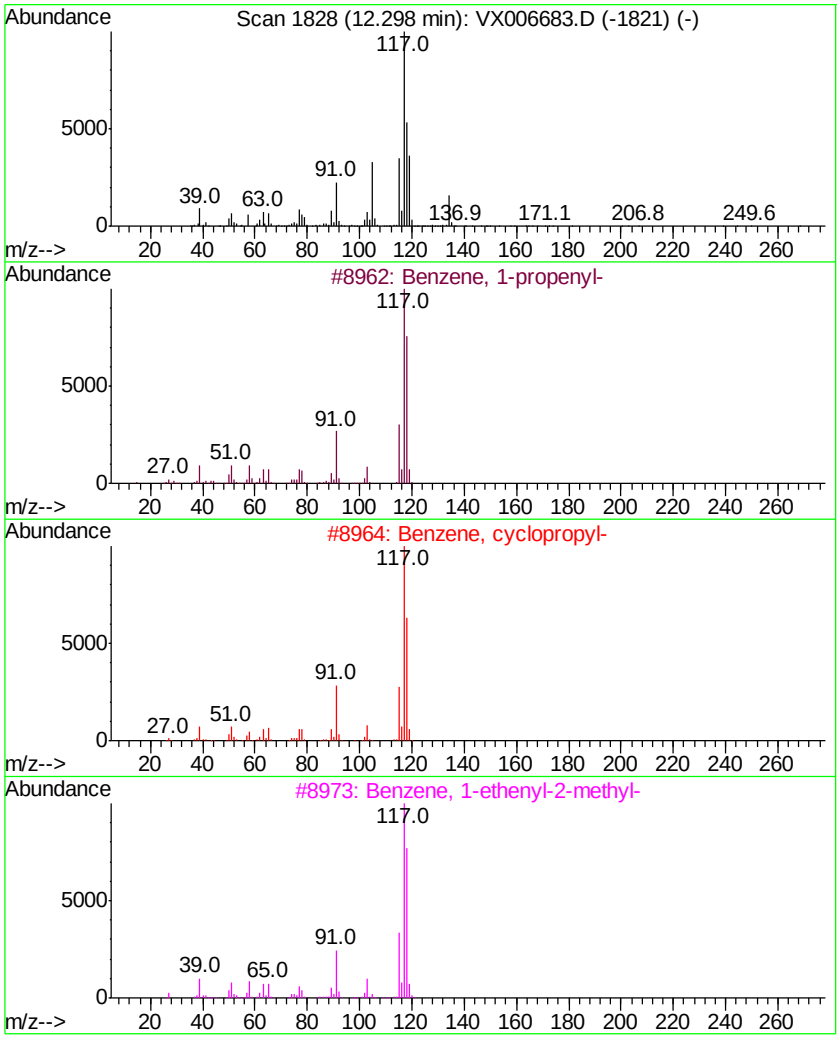
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

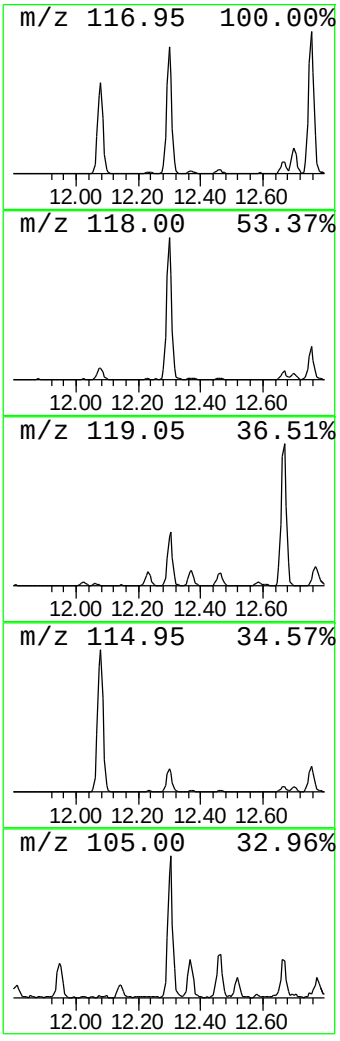
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	10.30 ug/l	527641	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	91
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

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

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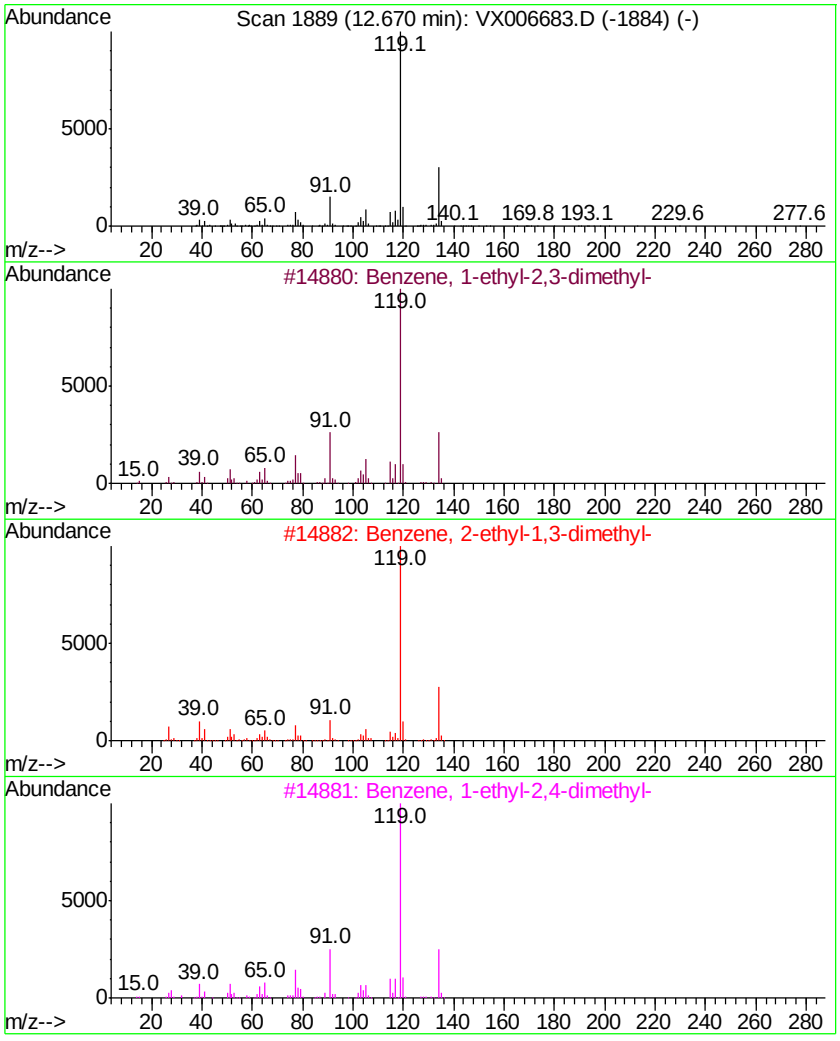
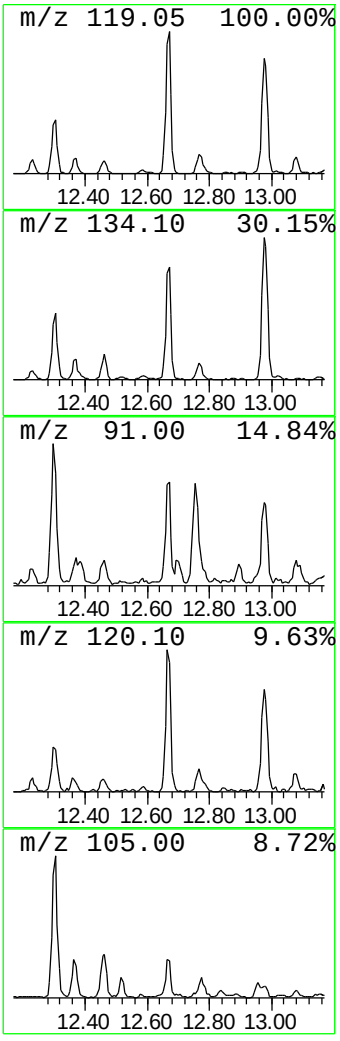
Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.66 ug/l	289968	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

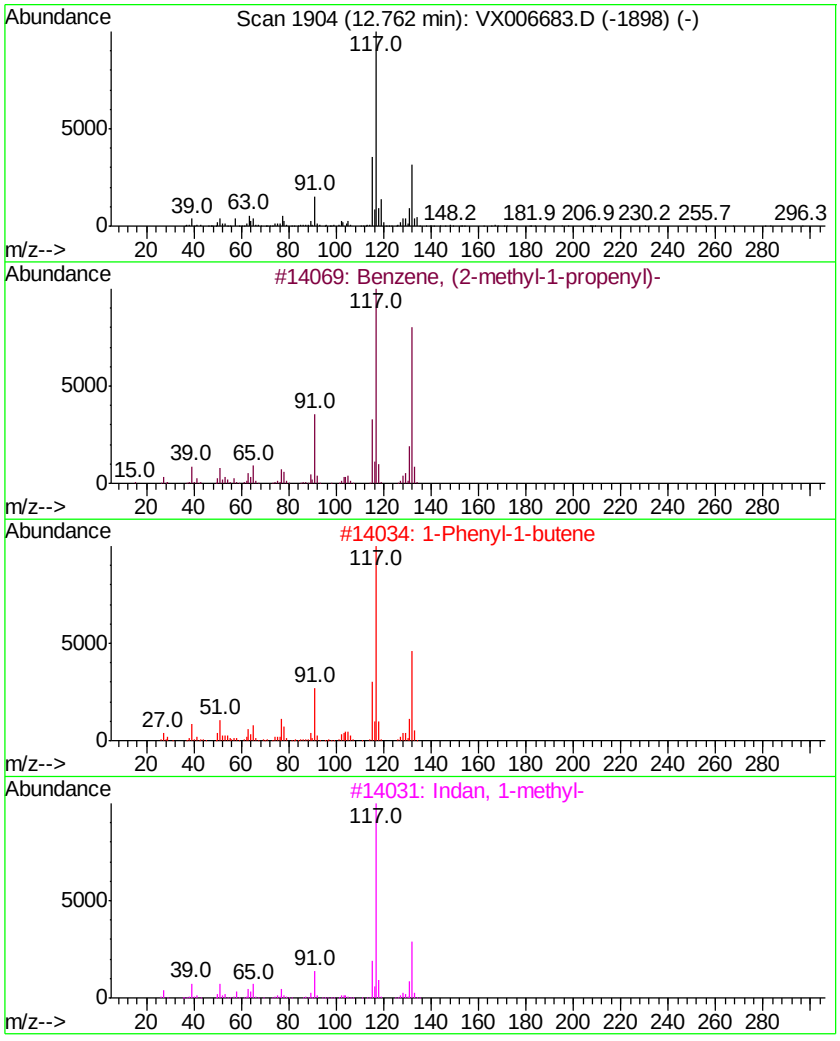
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

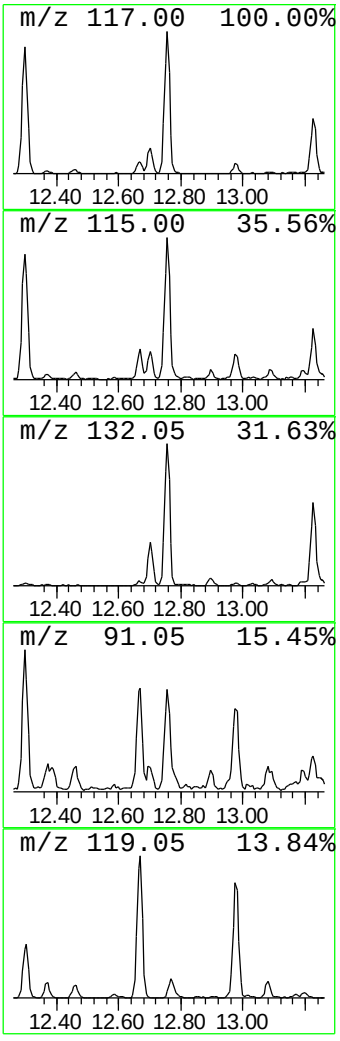
****

Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	8.13 ug/l	416235	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

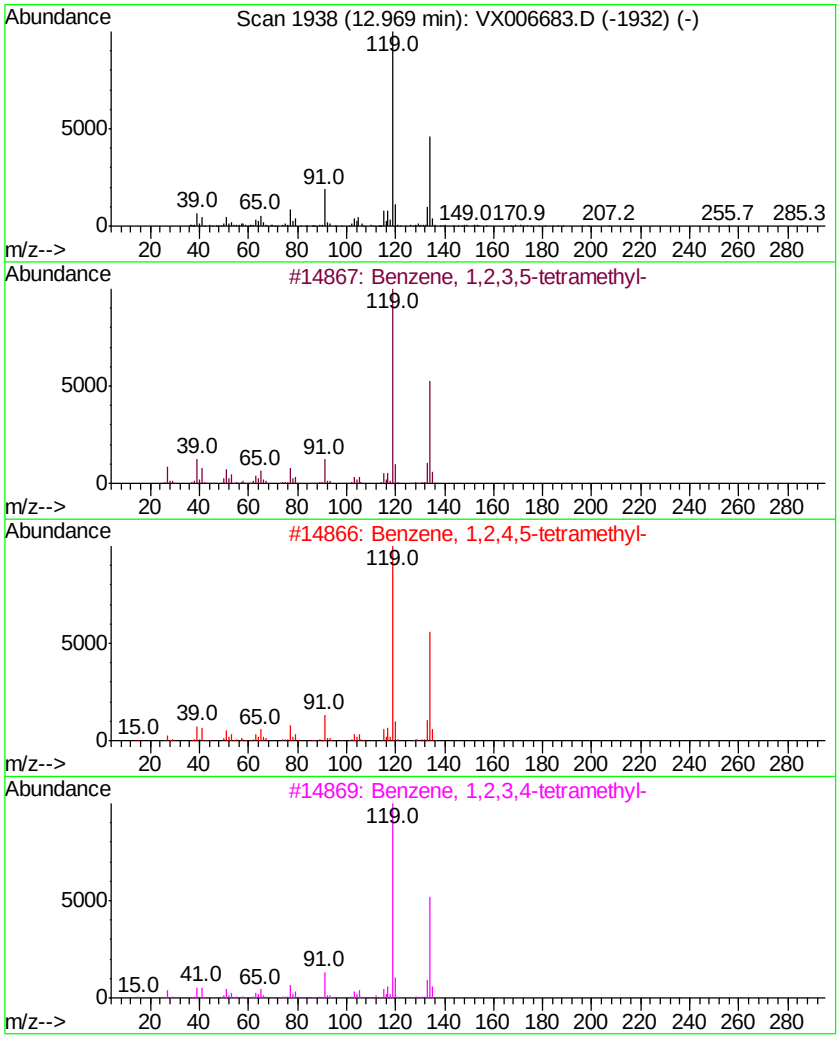
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

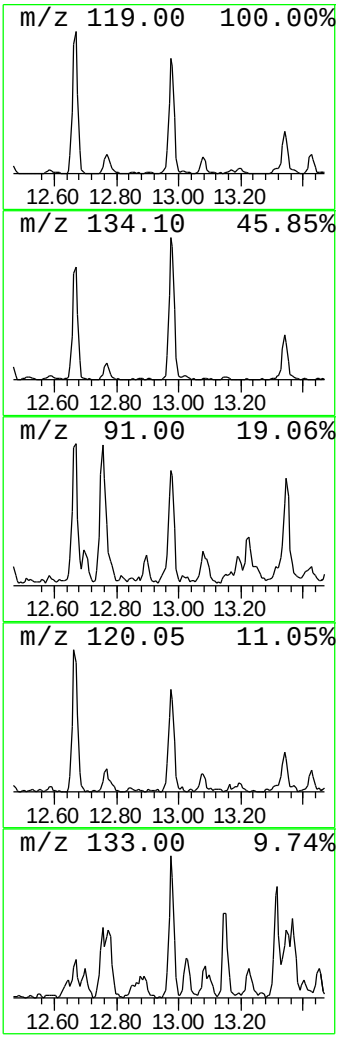
****

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	6.13 ug/l	313762	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

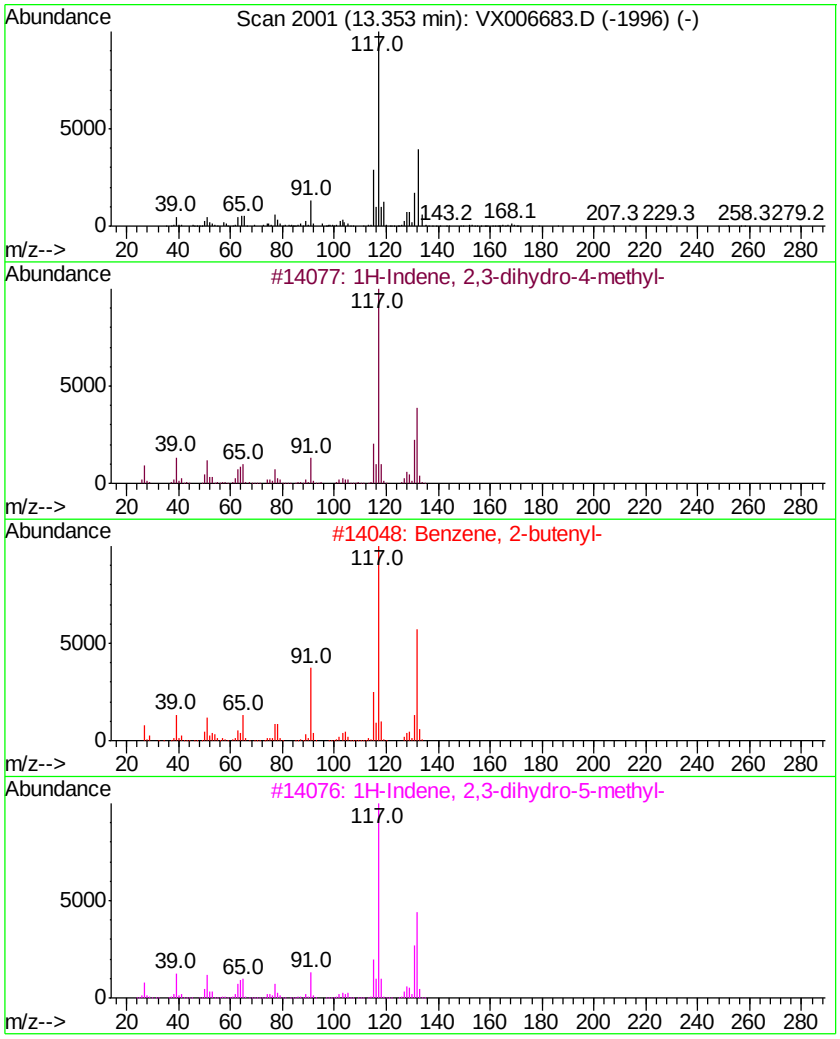
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

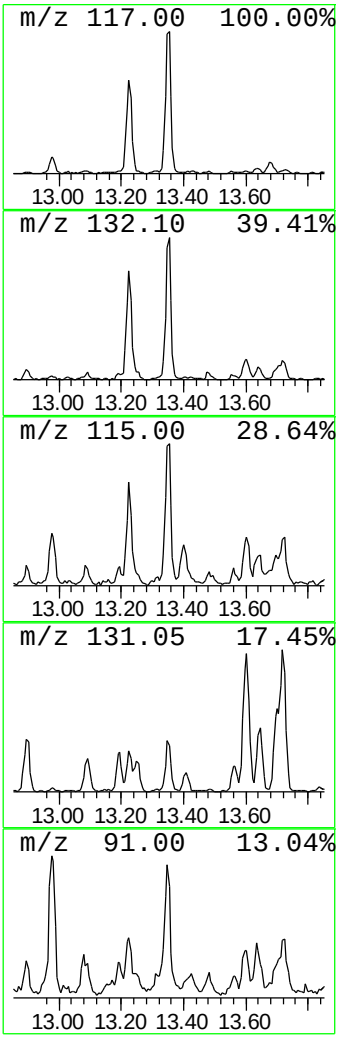
****

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	5.65 ug/l	289299	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006683.D
Acq On : 20 Dec 2018 18:27
Operator : JC/MD
Sample : J6516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EXCAVATION-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.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
unknown1.64	1.64	5.1	ug/l	174819	1	5.67	1724050	50.0
Benzene, 1-propenyl-	12.30	10.3	ug/l	527641	4	12.08	2560660	50.0
Benzene, 1-ethyl-...	12.67	5.7	ug/l	289968	4	12.08	2560660	50.0
Benzene, (2-methy...	12.76	8.1	ug/l	416235	4	12.08	2560660	50.0
Benzene, 1,2,3,5-...	12.97	6.1	ug/l	313762	4	12.08	2560660	50.0
1H-Indene, 2,3-di...	13.35	5.7	ug/l	289299	4	12.08	2560660	50.0