LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

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_Y\methods\82Y020325S.M
Title : SW846 8260

Signal : TIC: VY021118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.640	960	971	977	rBV	172927	422818	1.24%	0.284%
2	7.713	977	983	995	rVB	268144	601317	1.76%	0.404%
3	8.067	1026	1041	1054	rBV2	162626	401085	1.18%	0.269%
4	8.616	1123	1131	1146	rBV	449476	887362	2.60%	0.596%
5	10.109	1368	1376	1384	rBV	722820	1222594	3.59%	0.820%
6	11.420	1583	1591	1601	rBV	707684	1120921	3.29%	0.752%
7	11.633	1616	1626	1635	rBV	828440	1585937	4.65%	1.064%
8	11.956	1668	1679	1687	rBV	1031463	1660152	4.87%	1.114%
9	12.255	1722	1728	1734	rBV	220962	343519	1.01%	0.231%
10	12.408	1747	1753	1759	rVB	535252	841317	2.47%	0.565%
11	12.664	1788	1795	1798	rBV	3211184	5047356	14.80%	3.387%
12	12.694	1798	1800	1804	rVV	2097067	2684450	7.87%	1.802%
13	12.737	1804	1807	1814	rVB	1095222	1651776	4.84%	1.109%
14	12.901	1826	1834	1841	rBV	693312	1118798	3.28%	0.751%
15	13.048	1852	1858	1862	rBV	2895798	4153616	12.18%	2.787%
16	13.096	1862	1866	1872	rVB	1098515	1585206	4.65%	1.064%
17	13.243	1882	1890	1894	rBV	280100	445340	1.31%	0.299%
18	13.352	1903	1908	1910	rVV	578611	922310	2.70%	0.619%
19	13.383	1910	1913	1917	rVV	1233679	1785868	5.24%	1.198%
20	13.426	1917	1920	1927	rVB	508847	689647	2.02%	0.463%
21	13.517	1928	1935	1936	rBV	1325322	1607564	4.71%	1.079%
22	13.554	1936	1941	1946	rVV	14267362	22530005	66.08%	15.120%
23	13.590	1946	1947	1953	rVV2	1333092	1439638	4.22%	0.966%
24	13.730	1965	1970	1977	rBV	1613550	2492152	7.31%	1.672%
25	13.840	1985	1988	1992	rVV2	354339	525184	1.54%	0.352%
26	13.895	1992	1997	2002	rVV	1310503	1877409	5.51%	1.260%
27	14.005	2010	2015	2017	rVV2	448735	706828	2.07%	0.474%
28	14.035	2017	2020	2025	rVV	787781	1149372	3.37%	0.771%
29	14.084	2025	2028	2033	rVB	365447	486389	1.43%	0.326%
30	14.218	2046	2050	2053	rBV	338425	439530	1.29%	0.295%
31	14.261	2053	2057	2061	rVB	611772	840856	2.47%	0.564%
32	14.304	2061	2064	2068	rVB2	346871	454161	1.33%	0.305%
33	14.364	2068	2074	2078	rBV3	273351	496491	1.46%	0.333%
34	14.486	2089	2094	2100	rBV	1321790	1930784	5.66%	1.296%
35	14.602	2107	2113	2119	rBV2	890760	1867422	5.48%	1.253%
36	14.669	2119	2124	2132	rVV	2616064	4038920	11.85%	2.711%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

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_Y\methods\82Y020325S.M
Title : SW846 8260

37	14.755	2132	2138	2147	rVB	3386700	5360486	15.72%	3.597%
38	14.846	2147	2153	2160	rBV3	650819	1305264	3.83%	0.876%
39	15.151	2192	2203	2215	rVB	20179051	34097532	100.00%	22.883%
40	15.468	2251	2255	2262	rVV	305347	621908	1.82%	0.417%
41	15.620	2275	2280	2284	rBV2	204431	353099	1.04%	0.237%
42	15.736	2291	2299	2303	rBV3	202822	496191	1.46%	0.333%
43	16.187	2365	2373	2387	rVB	10435267	19875355	58.29%	13.338%
44	16.382	2396	2405	2416	rVB	7309296	14845397	43.54%	9.963%

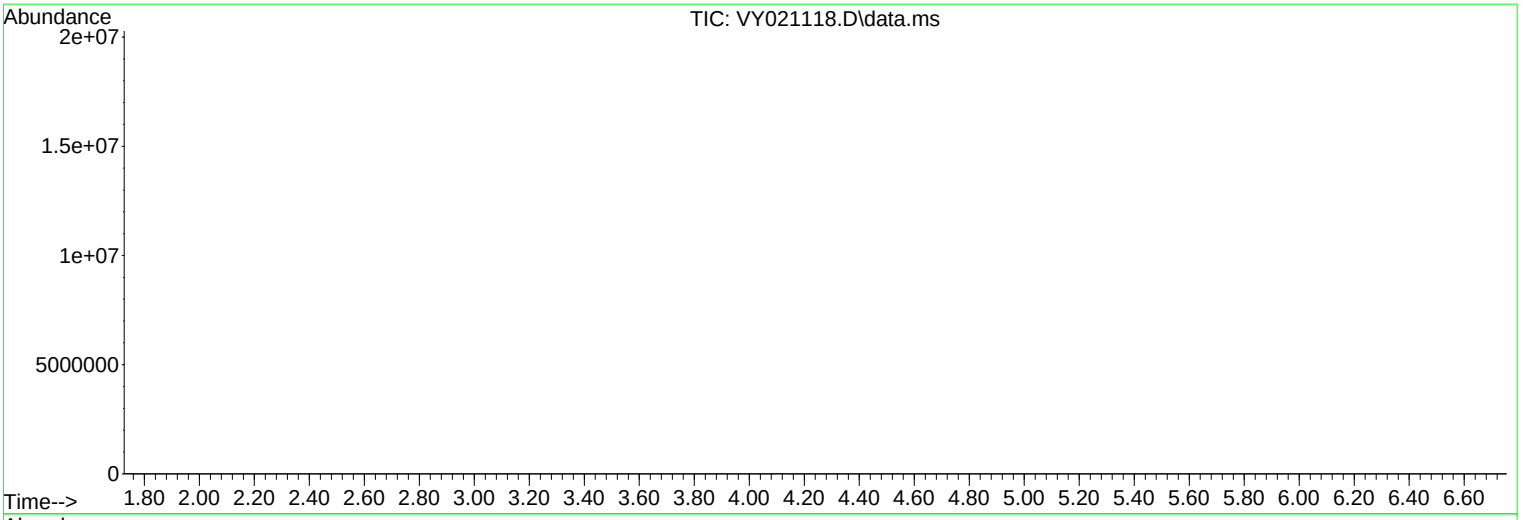
Sum of corrected areas: 149009326

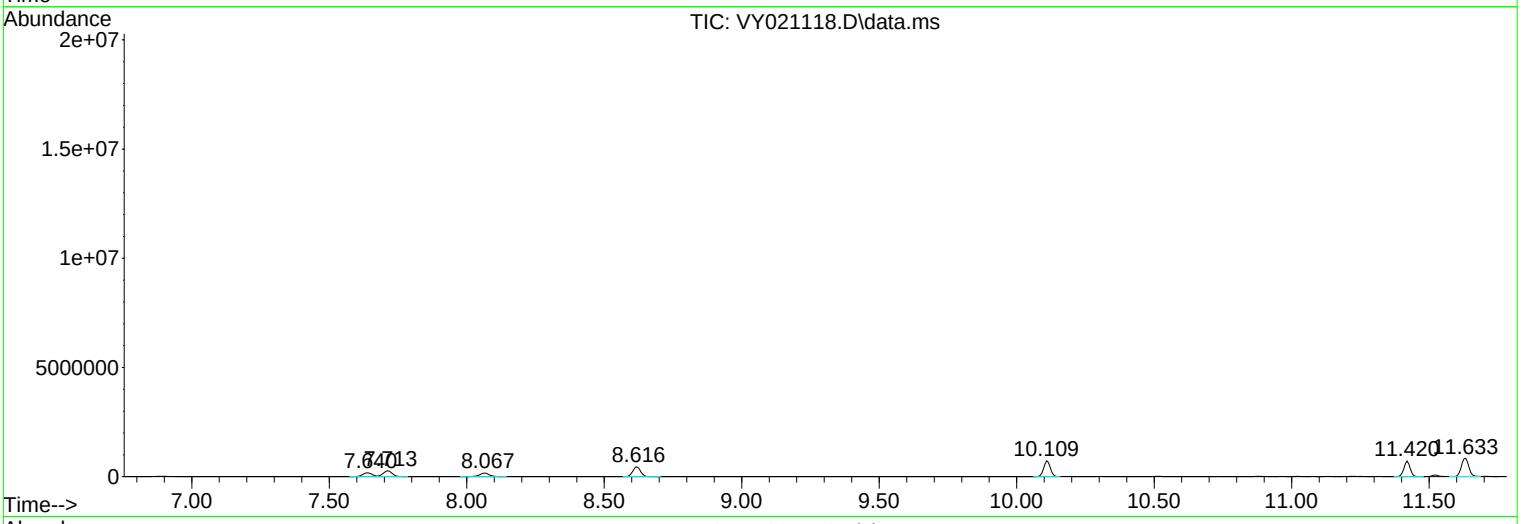
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

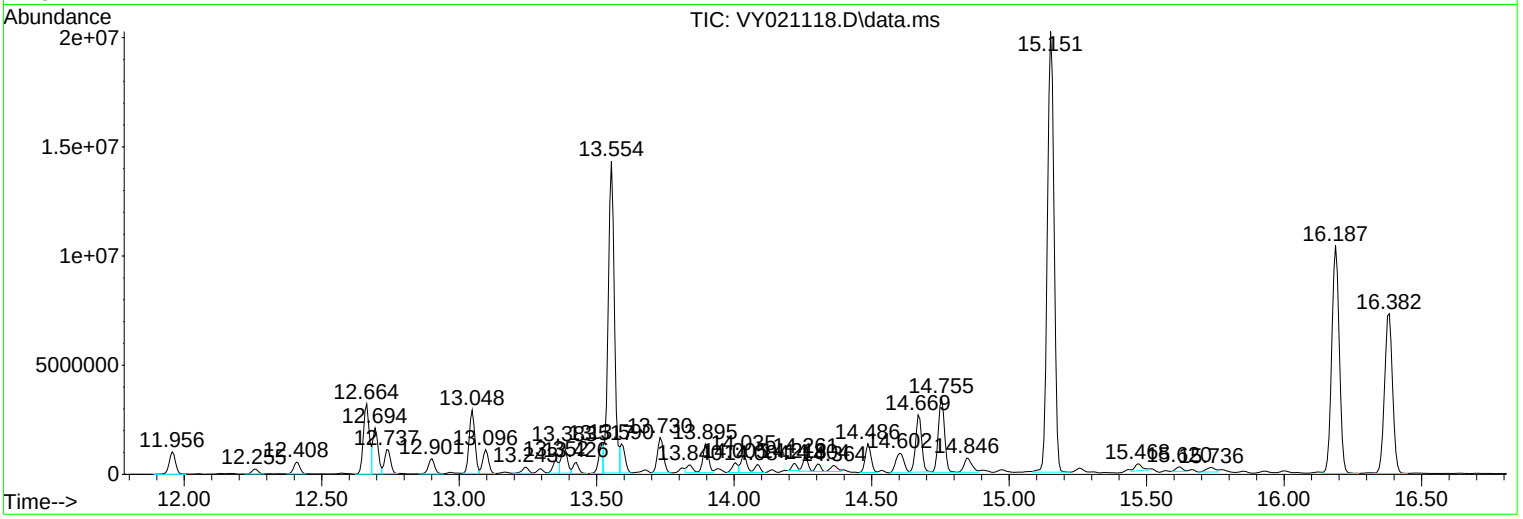
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

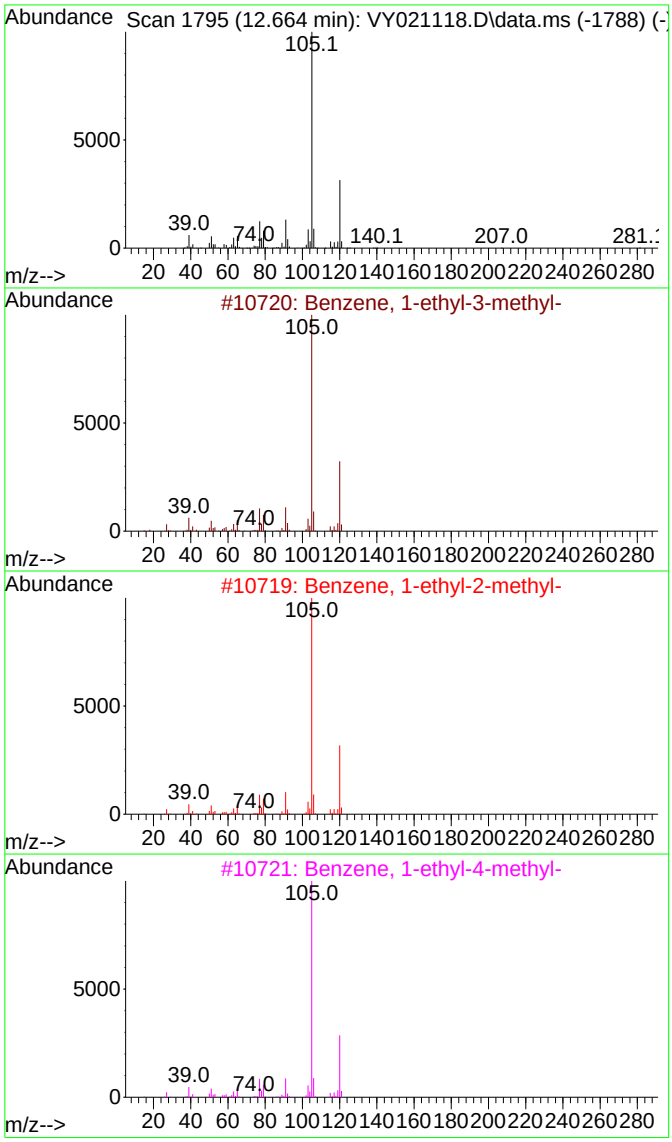
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

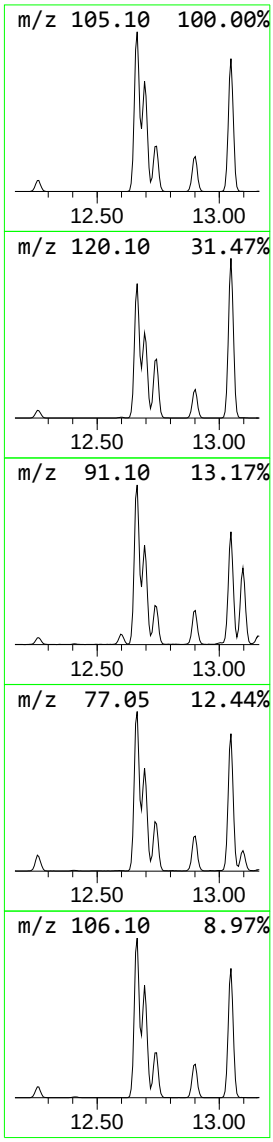
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	273.63 ug/l	5047360	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

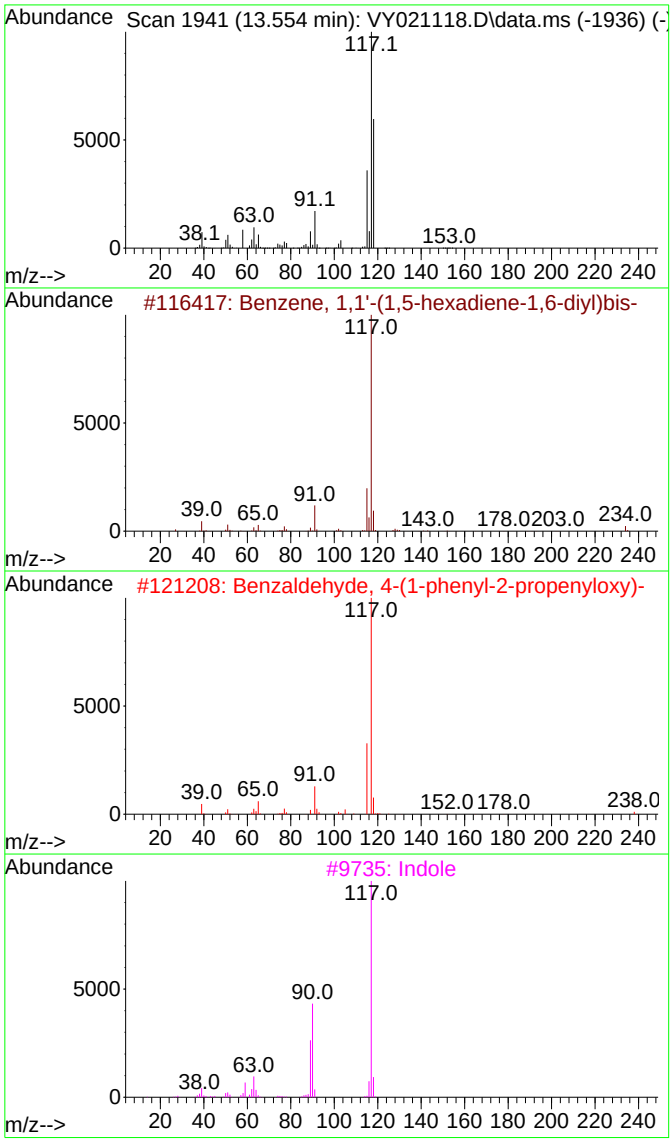
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

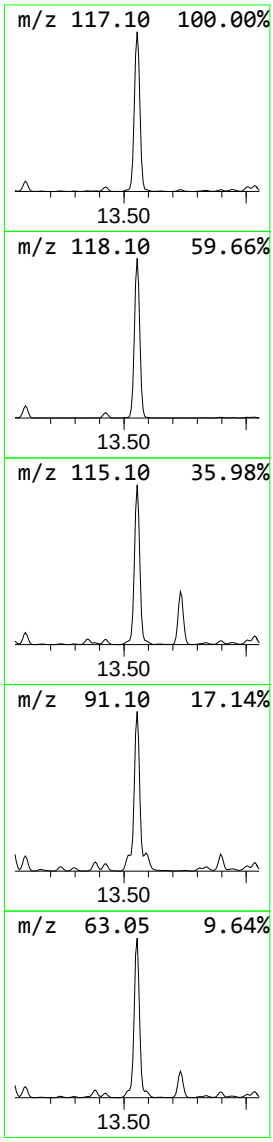
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	1221.39 ug/l	22530000	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
3	Indole	117	C8H7N	000120-72-9	49
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	46
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

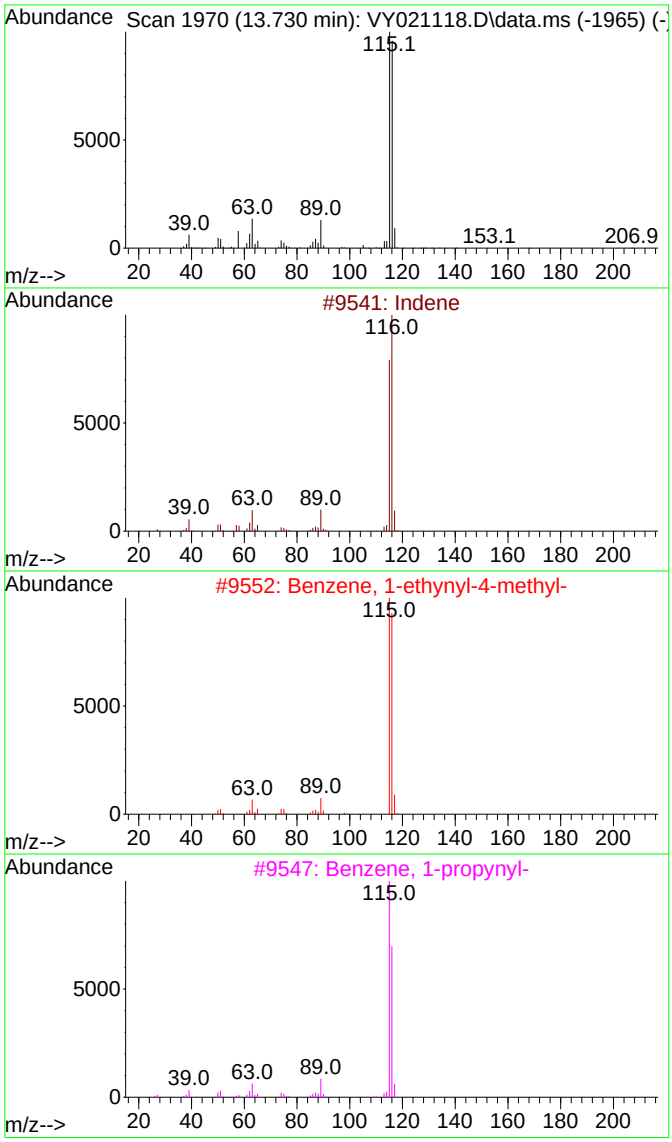
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

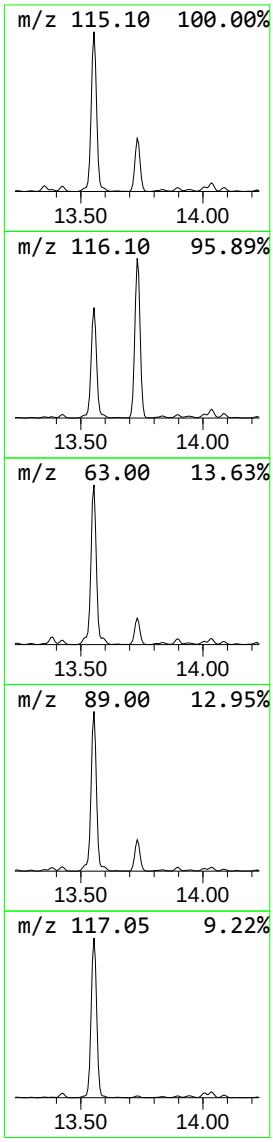
****

Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	135.10 ug/l	2492150	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

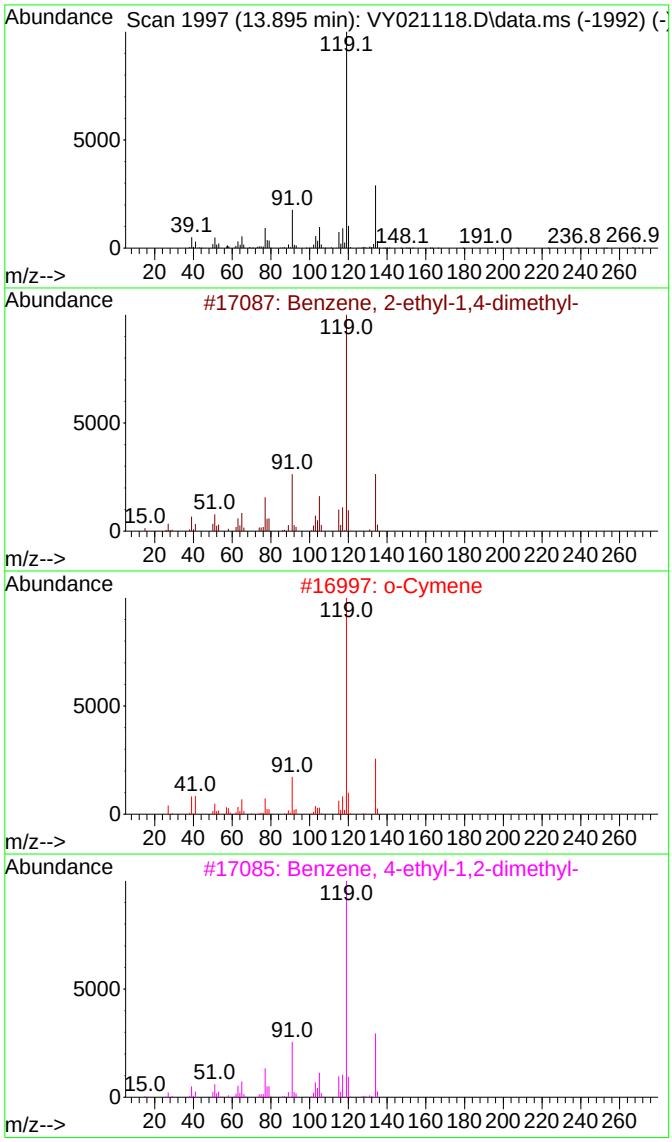
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

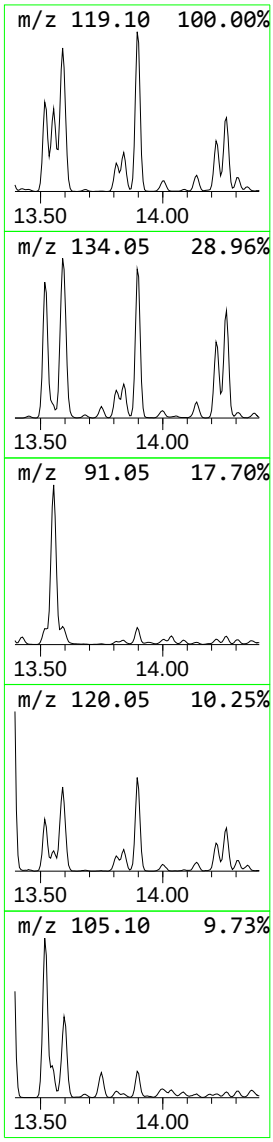
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.895	101.78 ug/l	1877410	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

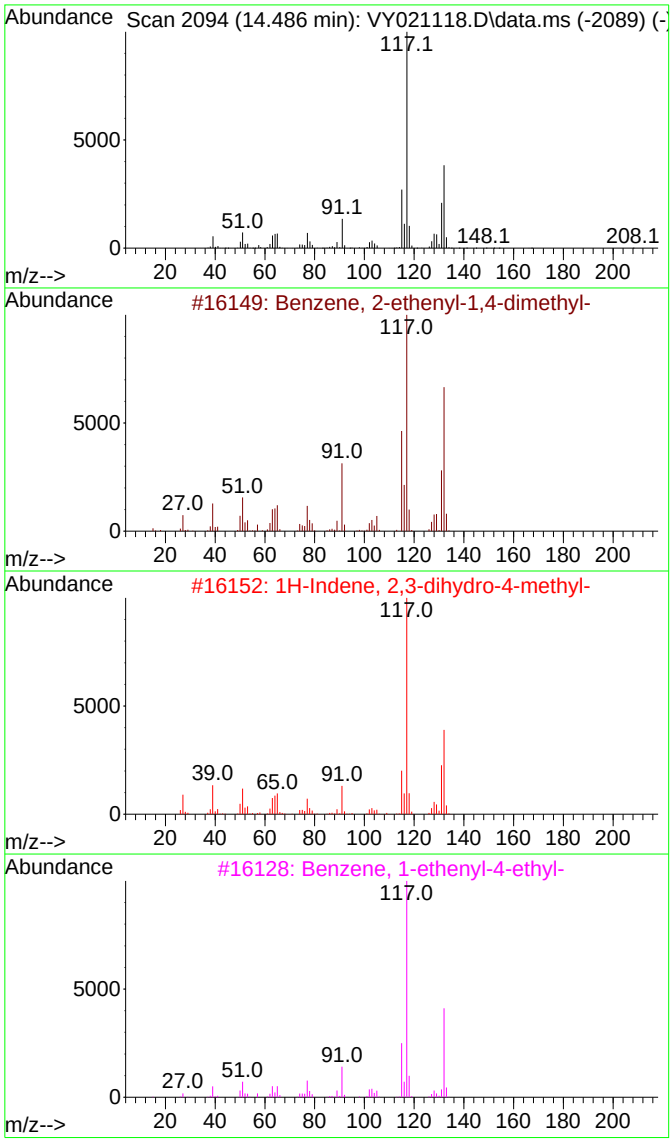
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

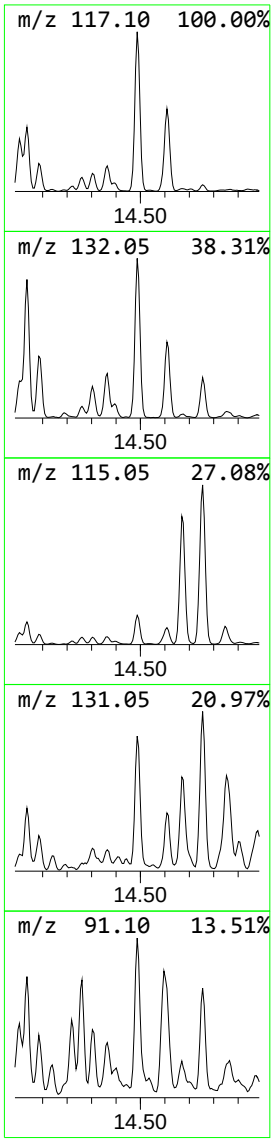
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	104.67 ug/l	1930780	1,4-Dichlorobenzene-d4	13.352

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-4-methyl-	132	C10H12	000824-22-6	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

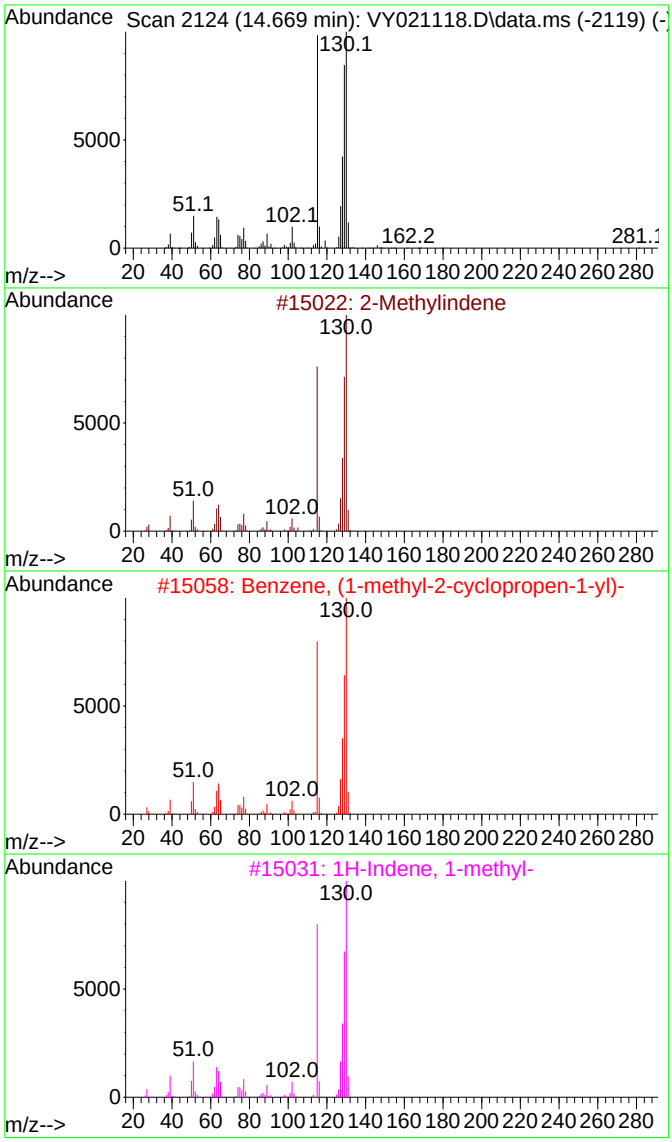
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

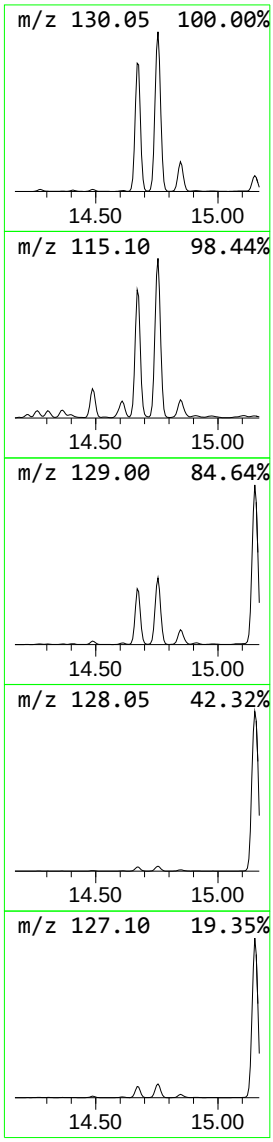
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	218.96 ug/l	4038920	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93





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Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

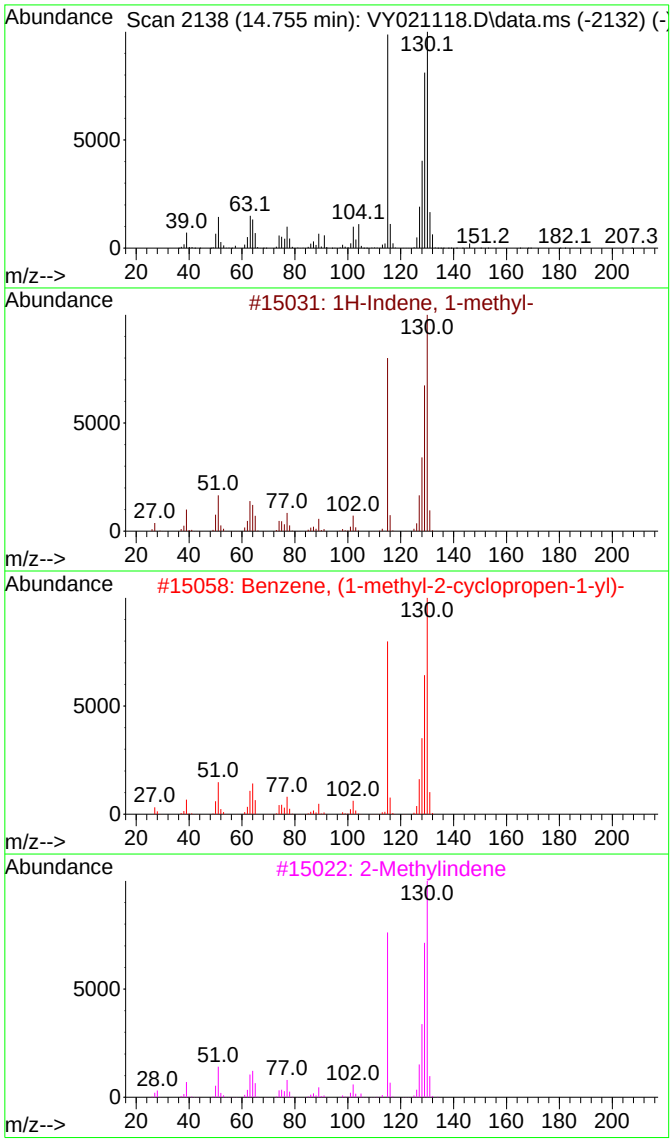
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

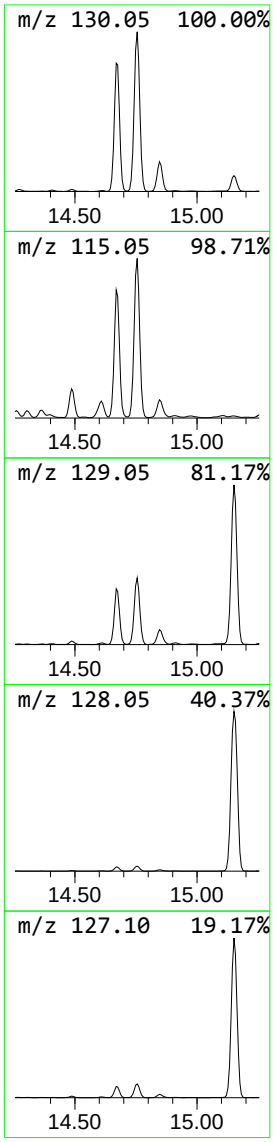
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.755	290.60 ug/l	5360490	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.664	273.6	ug/l	5047360	4	13.352	922310	50.0
Benzene, 1,1'-(...	13.554	1221.4	ug/l	22530000	4	13.352	922310	50.0
Indene	13.730	135.1	ug/l	2492150	4	13.352	922310	50.0
Benzene, 2-ethy...	13.895	101.8	ug/l	1877410	4	13.352	922310	50.0
Benzene, 2-ethe...	14.486	104.7	ug/l	1930780	4	13.352	922310	50.0
2-Methylindene	14.669	219.0	ug/l	4038920	4	13.352	922310	50.0
1H-Indene, 1-me...	14.755	290.6	ug/l	5360490	4	13.352	922310	50.0