LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

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\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022789.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.628	957	969	975	rBV	234266	549718	3.93%	0.952%
2	7.701	975	981	991	rVB	392849	888334	6.35%	1.539%
3	8.055	1029	1039	1049	rBV	199989	456228	3.26%	0.790%
4	8.610	1121	1130	1144	rBV	626612	1241989	8.88%	2.151%
5	10.103	1367	1375	1382	rBV	992350	1662479	11.88%	2.880%
6	11.414	1581	1590	1600	rBV	857242	1407574	10.06%	2.438%
7	11.512	1600	1606	1613	rVV	136394	223238	1.60%	0.387%
8	11.621	1617	1624	1634	rVB	116540	225549	1.61%	0.391%
9	11.951	1668	1678	1688	rBV	92016	159330	1.14%	0.276%
10	12.255	1722	1728	1737	rBV2	95178	158370	1.13%	0.274%
11	12.402	1744	1752	1760	rBV	613345	936355	6.69%	1.622%
12	12.652	1787	1793	1796	rBV	107722	175316	1.25%	0.304%
13	12.731	1802	1806	1811	rVB	187048	273282	1.95%	0.473%
14	13.036	1851	1856	1862	rBV	313475	473510	3.38%	0.820%
15	13.341	1901	1906	1916	rBV2	691564	1226181	8.76%	2.124%
16	13.542	1926	1939	1944	rBV	3870159	5946922	42.50%	10.301%
17	13.725	1964	1969	1975	rVB2	149403	246781	1.76%	0.427%
18	13.889	1991	1996	2000	rVB	314924	431343	3.08%	0.747%
19	13.944	2000	2005	2009	rBV	391268	576511	4.12%	0.999%
20	13.993	2009	2013	2019	rVB	945826	1410994	10.08%	2.444%
21	14.212	2039	2049	2052	rBV2	198277	389725	2.79%	0.675%
22	14.249	2052	2055	2059	rVV	257958	333941	2.39%	0.578%
23	14.298	2059	2063	2066	rVB2	166537	227324	1.62%	0.394%
24	14.481	2087	2093	2098	rBV	2014539	2958992	21.15%	5.125%
25	14.529	2098	2101	2105	rVB	114438	150258	1.07%	0.260%
26	14.596	2105	2112	2118	rBV2	3402620	5427655	38.79%	9.402%
27	14.657	2118	2122	2130	rVB5	146471	261181	1.87%	0.452%
28	14.743	2130	2136	2144	rBV	4036476	6053634	43.26%	10.486%
29	14.852	2144	2154	2158	rBV3	292887	721029	5.15%	1.249%
30	14.932	2163	2167	2169	rBV	166921	250441	1.79%	0.434%
31	15.139	2195	2201	2207	rVB	537654	864485	6.18%	1.497%
32	15.243	2212	2218	2223	rVV4	163063	353015	2.52%	0.611%
33	15.297	2223	2227	2240	rVB2	104838	216951	1.55%	0.376%
34	15.426	2241	2248	2254	rBV	138710	248892	1.78%	0.431%
35	15.590	2266	2275	2278	rBV	109030	266947	1.91%	0.462%
36	15.779	2301	2306	2312	rVB4	104303	219717	1.57%	0.381%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

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\82Y062325S.M
Title : SW846 8260

37	15.913	2321	2328	2333	rBV3	180202	381334	2.73%	0.661%
38	15.968	2333	2337	2342	rVV	175679	331969	2.37%	0.575%
39	16.114	2351	2361	2365	rVV2	299890	750352	5.36%	1.300%
40	16.175	2365	2371	2383	rVV	2260018	4454730	31.83%	7.716%
41	16.291	2384	2390	2394	rVV2	91832	204886	1.46%	0.355%
42	16.364	2394	2402	2415	rVB	7183219	13993667	100.00%	24.239%

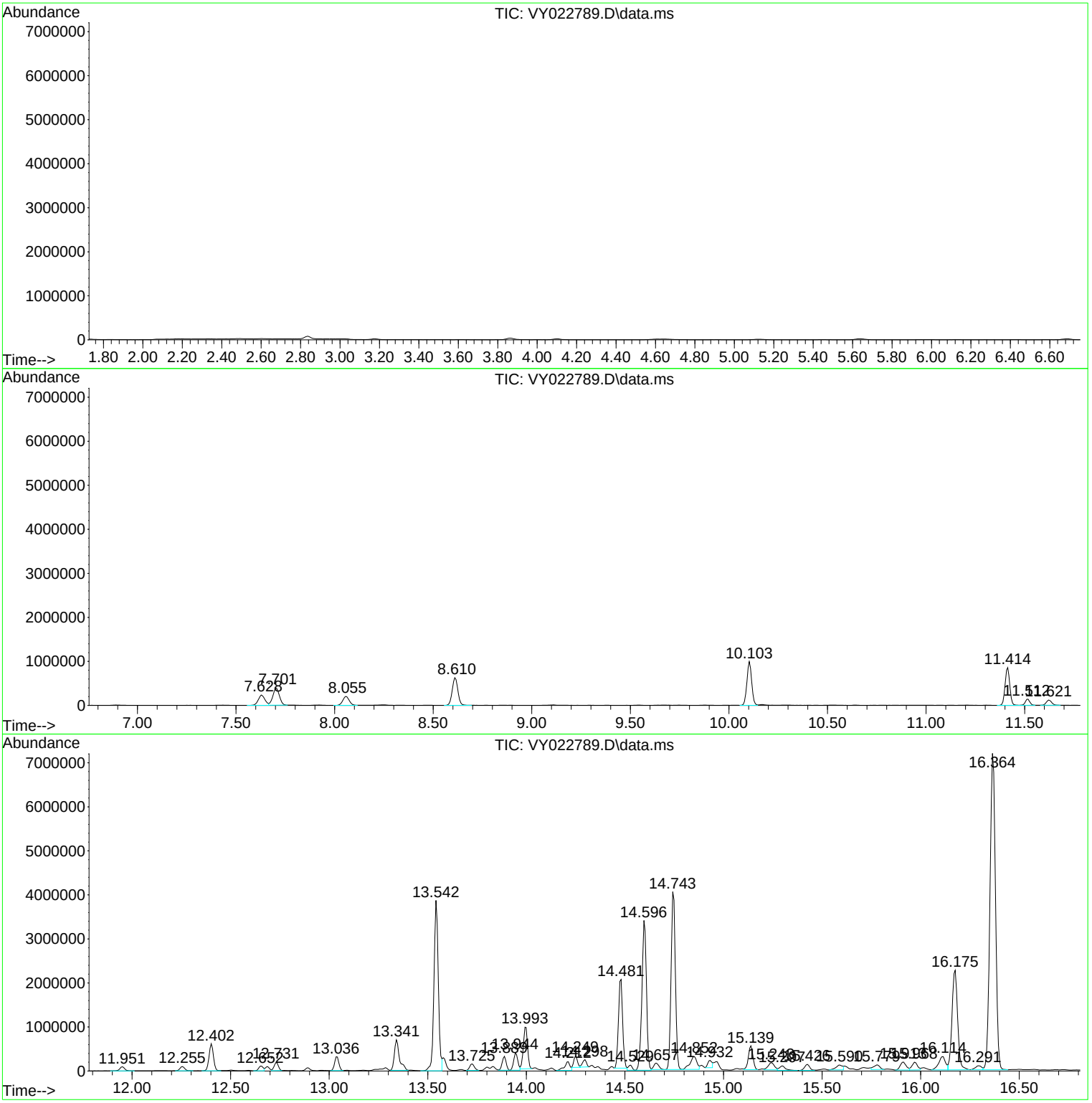
Sum of corrected areas: 57731129

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

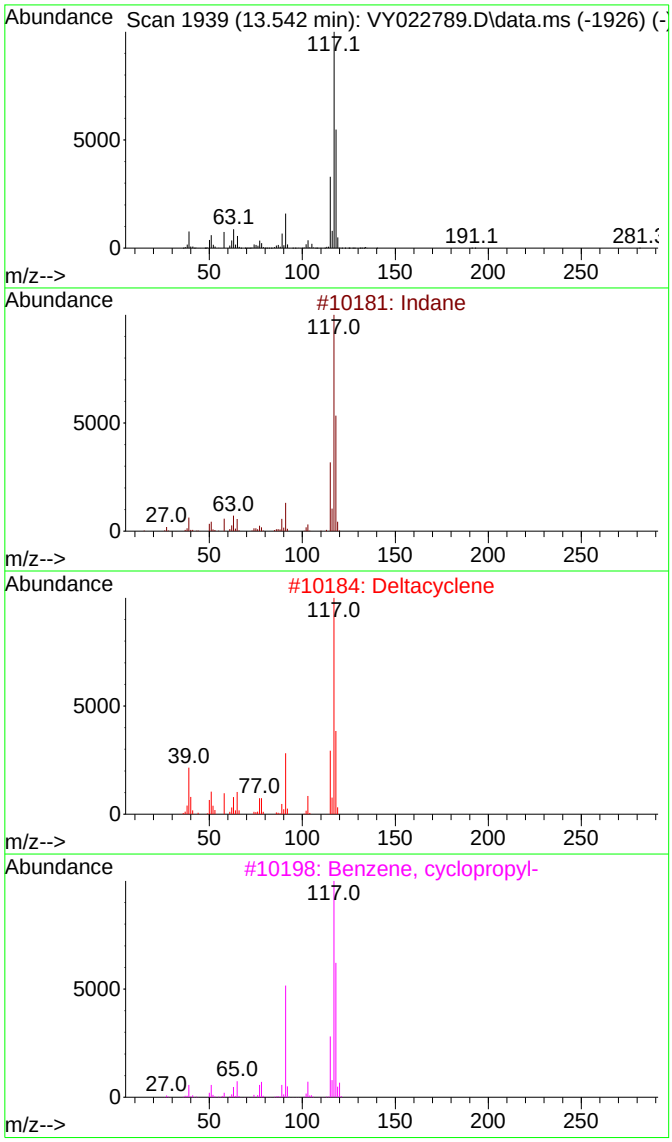
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

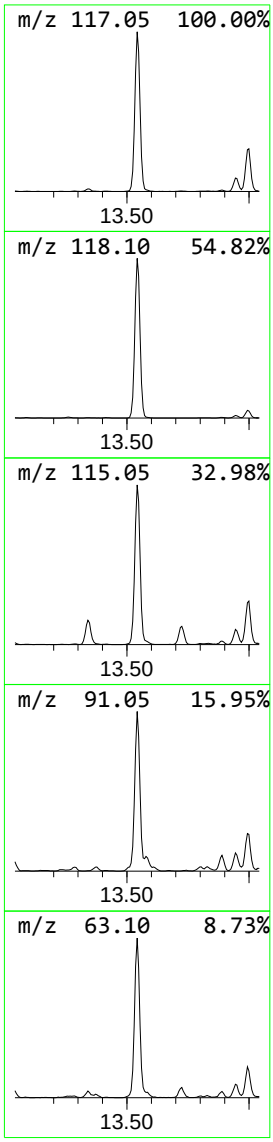
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.542	242.50 ug/l	5946920	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

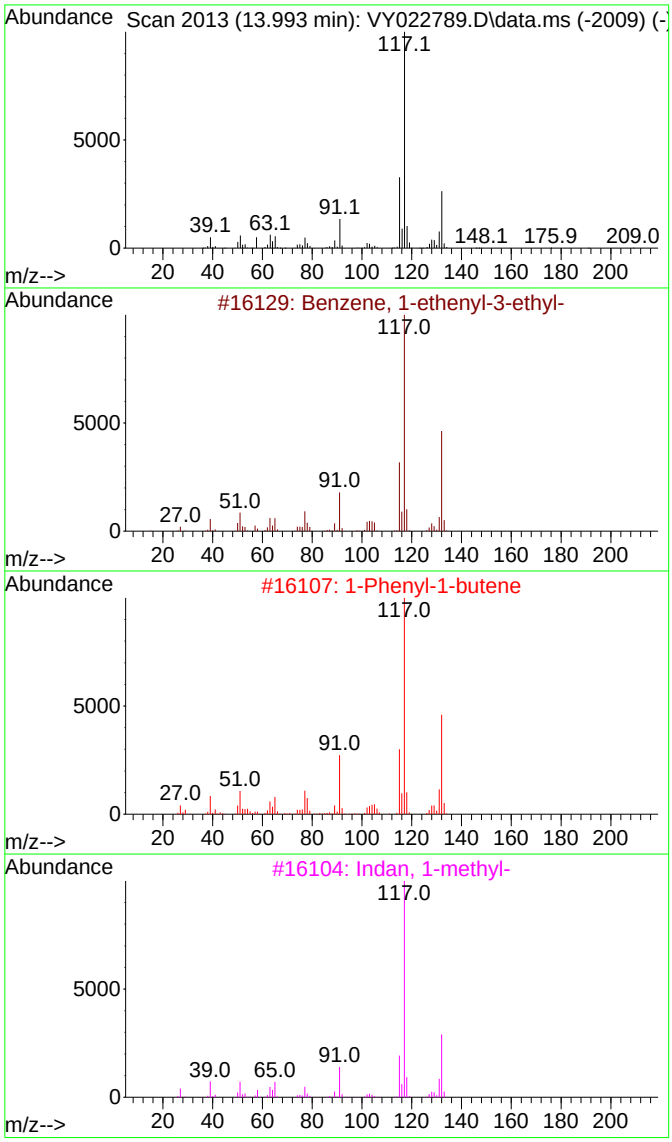
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

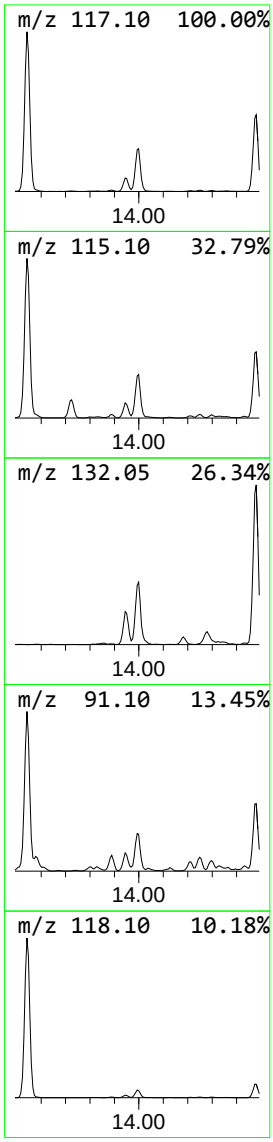
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.993	57.54 ug/l	1410990	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

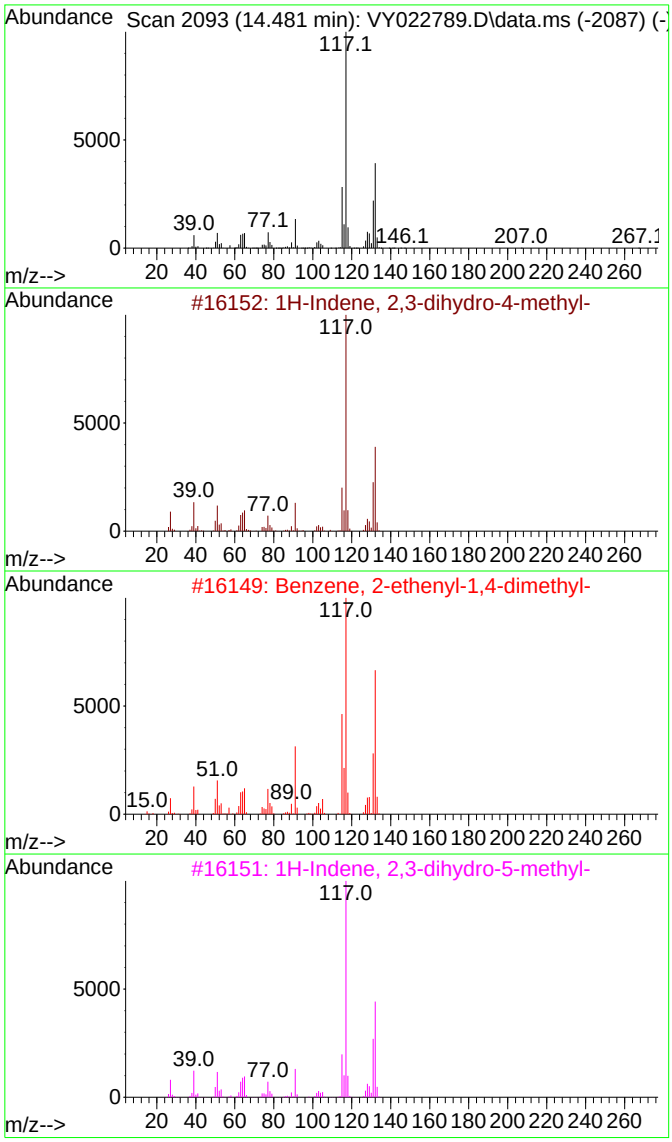
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

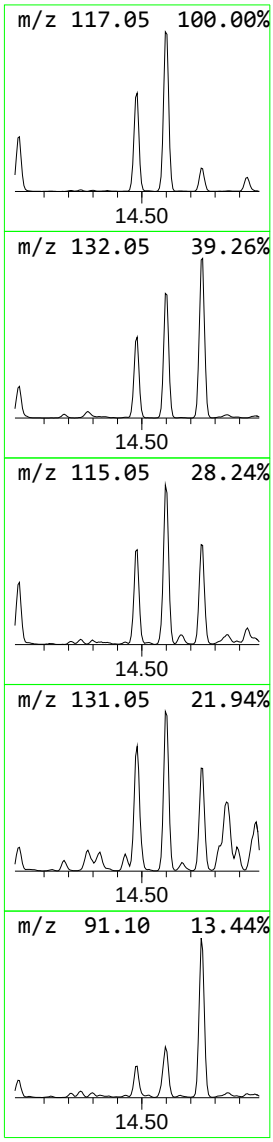
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	120.66 ug/l	2958990	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

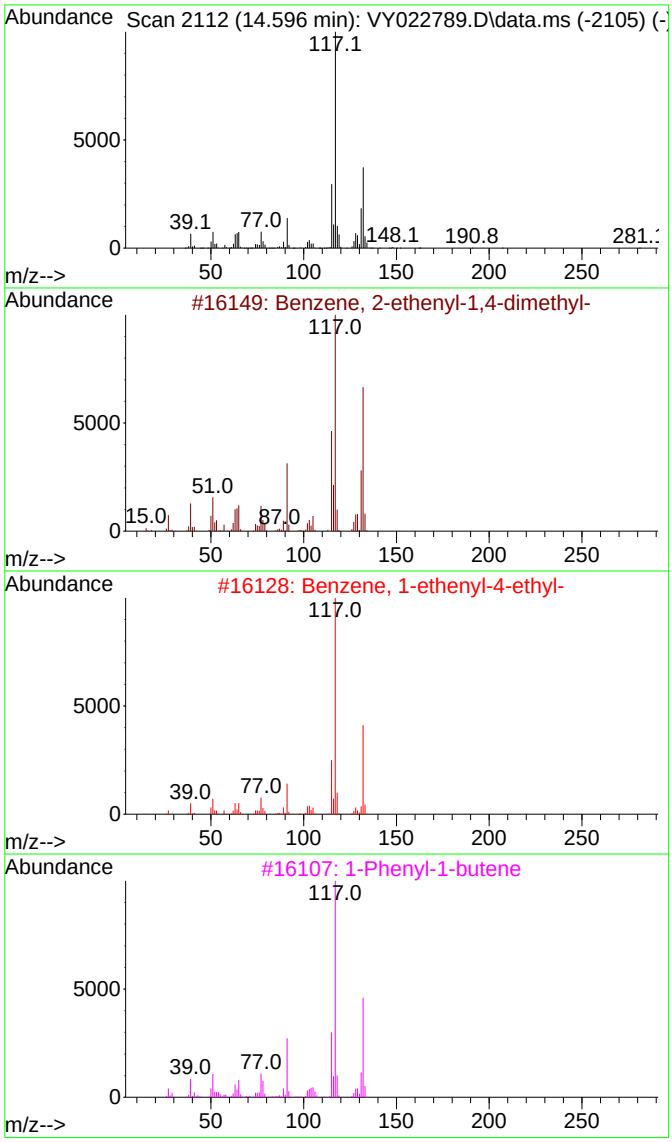
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

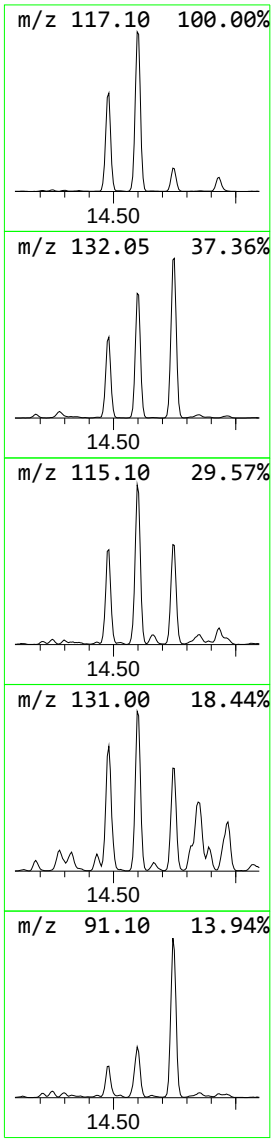
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	221.32 ug/l	5427660	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

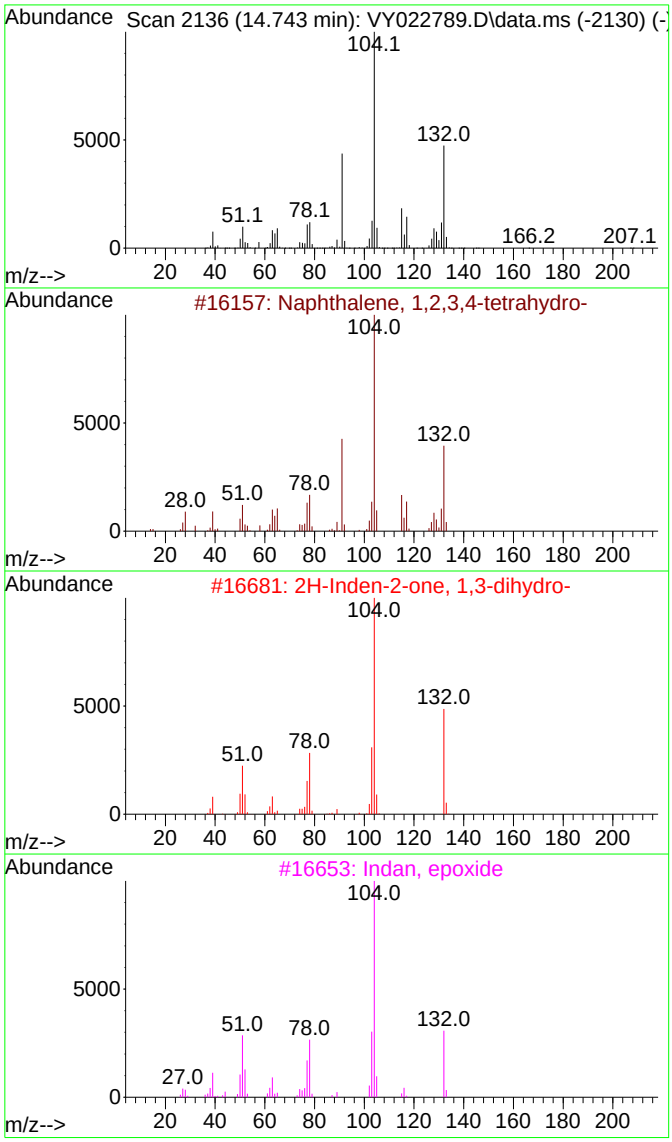
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

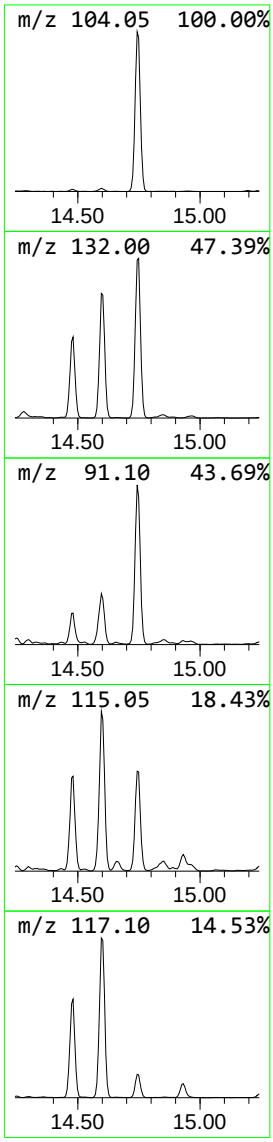
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.743	246.85 ug/l	6053630	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3	Indan, epoxide	132	C9H8O	000768-22-9	50
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	45
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

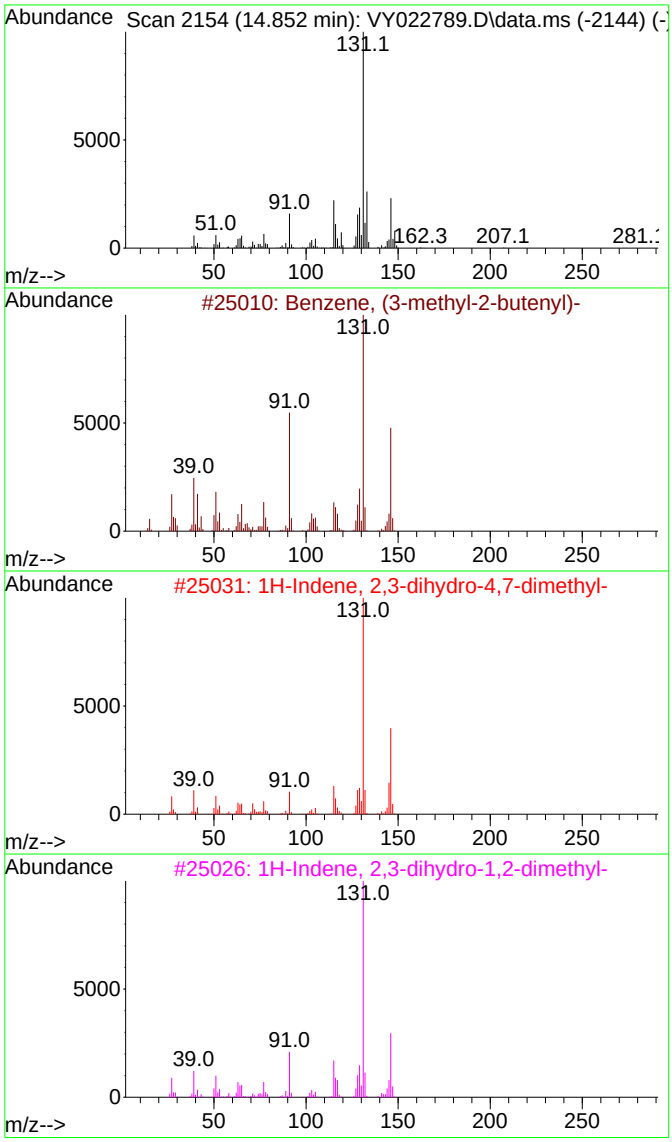
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

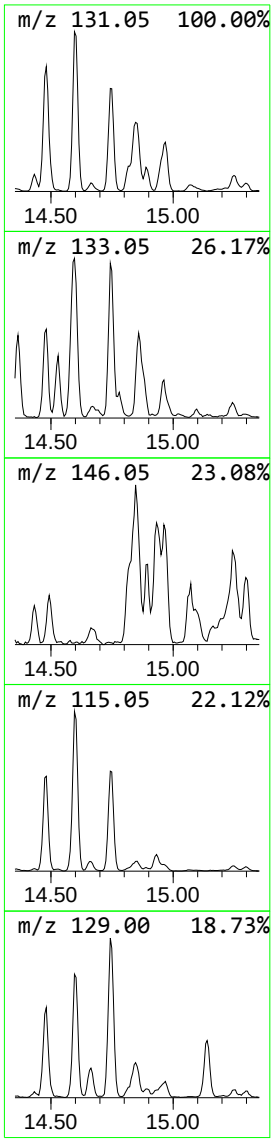
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.852	29.40 ug/l	721029	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

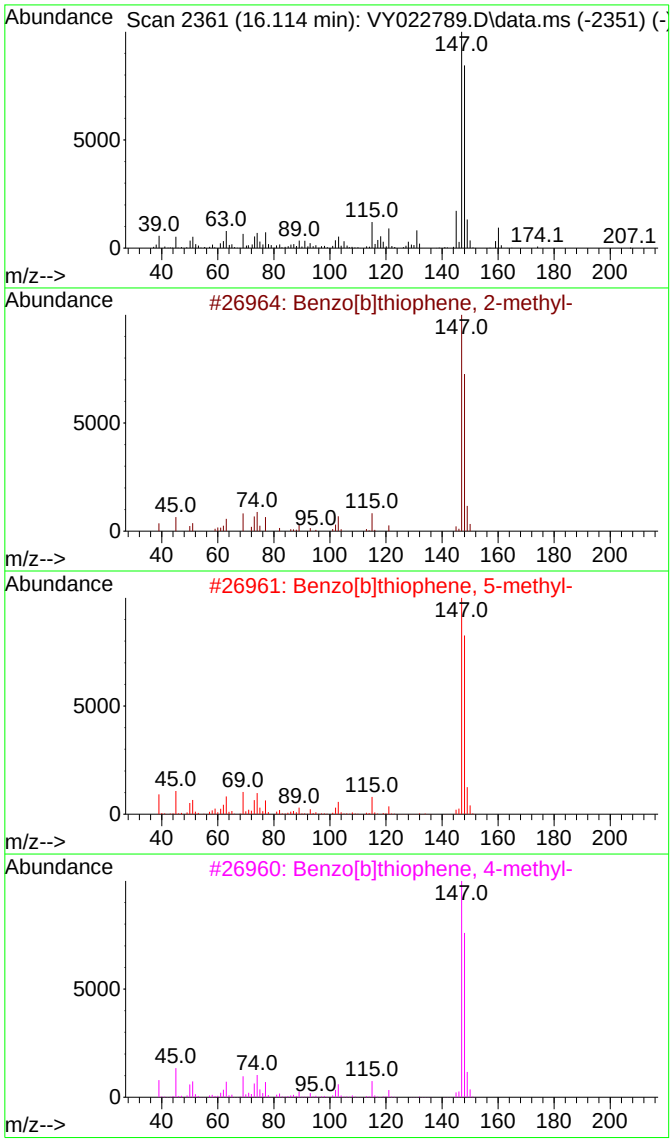
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

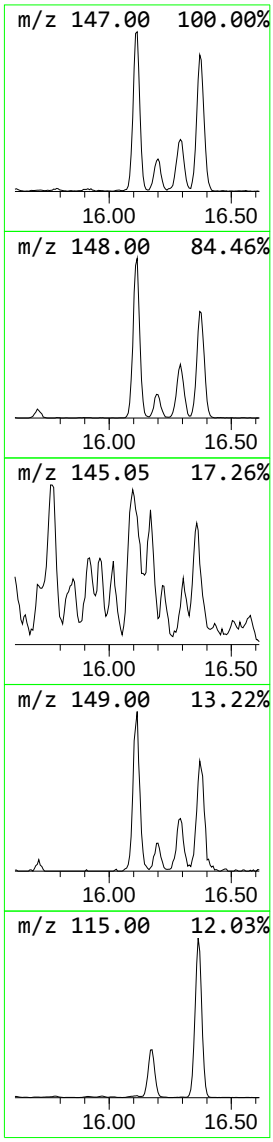
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]thiophene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.114	30.60 ug/l	750352	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	81
5	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022789.D
Acq On : 24 Jun 2025 11:58
Operator : SY/MD
Sample : Q2386-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-1-062025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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
Indane	13.542	242.5	ug/l	5946920	4	13.341	1226180	50.0
Benzene, 1-ethe...	13.993	57.5	ug/l	1410990	4	13.341	1226180	50.0
1H-Indene, 2,3-...	14.481	120.7	ug/l	2958990	4	13.341	1226180	50.0
Benzene, 2-ethe...	14.596	221.3	ug/l	5427660	4	13.341	1226180	50.0
Naphthalene, 1,...	14.743	246.8	ug/l	6053630	4	13.341	1226180	50.0
Benzene, (3-met...	14.852	29.4	ug/l	721029	4	13.341	1226180	50.0
Benzo[b]thiophe...	16.114	30.6	ug/l	750352	4	13.341	1226180	50.0