

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015014.D
 Acq On : 09 Aug 2023 18:40
 Operator : SY/MD
 Sample : 03956-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP22

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\82Y080723S.M
 Title : SW846 8260

Signal : TIC: VY015014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.966	836	844	855	rBV2	8801	25835	3.01%	0.845%
2	7.716	957	967	972	rBV3	6404	15744	1.83%	0.515%
3	7.783	972	978	990	rVB	18747	42669	4.97%	1.396%
4	8.142	1023	1037	1047	rBV5	13396	39217	4.57%	1.283%
5	8.685	1120	1126	1136	rBV	25755	52719	6.14%	1.725%
6	10.179	1363	1371	1380	rBV	39268	71250	8.30%	2.331%
7	11.489	1579	1586	1596	rBV	37965	63975	7.45%	2.093%
8	11.587	1596	1602	1610	rVV	61212	97969	11.41%	3.205%
9	11.697	1613	1620	1628	rBV	40293	71368	8.31%	2.335%
10	12.026	1667	1674	1682	rVB	27829	46432	5.41%	1.519%
11	12.325	1717	1723	1728	rBV	11224	19764	2.30%	0.647%
12	12.483	1743	1749	1757	rVB3	31636	56439	6.57%	1.846%
13	12.672	1772	1780	1784	rBV	5473	9558	1.11%	0.313%
14	12.733	1784	1790	1793	rBV	65555	104064	12.12%	3.404%
15	12.764	1793	1795	1799	rVV	38995	52234	6.08%	1.709%
16	12.812	1799	1803	1807	rVB	22013	33549	3.91%	1.097%
17	12.971	1824	1829	1835	rVB	15353	25255	2.94%	0.826%
18	13.117	1844	1853	1858	rBV	67842	106696	12.42%	3.490%
19	13.166	1858	1861	1867	rVB2	13181	20431	2.38%	0.668%
20	13.312	1877	1885	1889	rBV	9634	16184	1.88%	0.529%
21	13.367	1889	1894	1898	rBV	5952	8593	1.00%	0.281%
22	13.422	1898	1903	1906	rBV	35364	56911	6.63%	1.862%
23	13.452	1906	1908	1912	rVB	21608	25590	2.98%	0.837%
24	13.495	1912	1915	1923	rVB2	9673	15031	1.75%	0.492%
25	13.623	1923	1936	1941	rBV	350046	578838	67.39%	18.935%
26	13.751	1953	1957	1963	rVB3	8303	11333	1.32%	0.371%
27	13.910	1980	1983	1988	rVB3	10339	14948	1.74%	0.489%
28	13.971	1988	1993	1998	rBV	28100	45149	5.26%	1.477%
29	14.080	2005	2011	2014	rBV	14801	25615	2.98%	0.838%
30	14.330	2048	2052	2056	rVB	11469	16228	1.89%	0.531%
31	14.379	2056	2060	2064	rVB2	9767	12071	1.41%	0.395%
32	14.562	2084	2090	2095	rBV	31798	51514	6.00%	1.685%
33	14.678	2102	2109	2114	rBV5	18578	49668	5.78%	1.625%
34	14.745	2114	2120	2126	rVV5	28598	64693	7.53%	2.116%
35	14.830	2128	2134	2142	rVB	36806	64720	7.53%	2.117%
36	14.934	2144	2151	2158	rVB8	12506	28937	3.37%	0.947%

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ClientSampleId :
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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

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Title : SW846 8260

37	15.233	2192	2200	2208	rBV	510676	858935	100.00%	28.098%
38	15.324	2210	2215	2224	rVB4	9647	21678	2.52%	0.709%
39	16.092	2327	2341	2342	rBV7	6517	19196	2.23%	0.628%
40	16.287	2366	2373	2382	rVB2	25801	52819	6.15%	1.728%
41	16.488	2396	2406	2414	rBV3	28785	63161	7.35%	2.066%

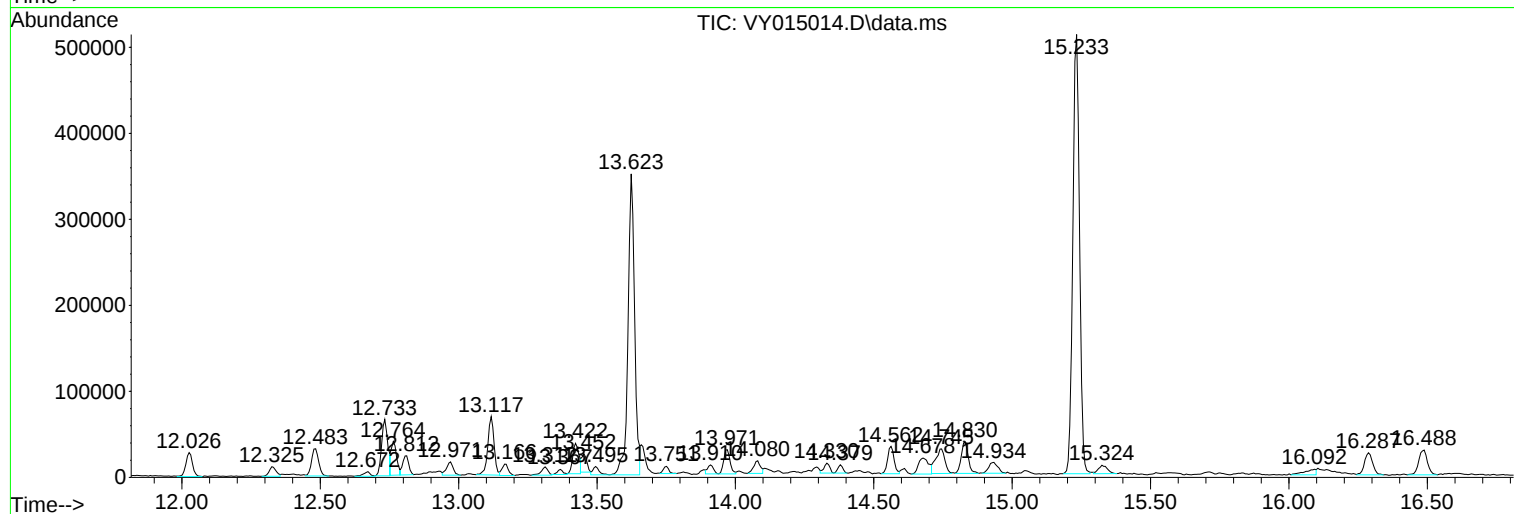
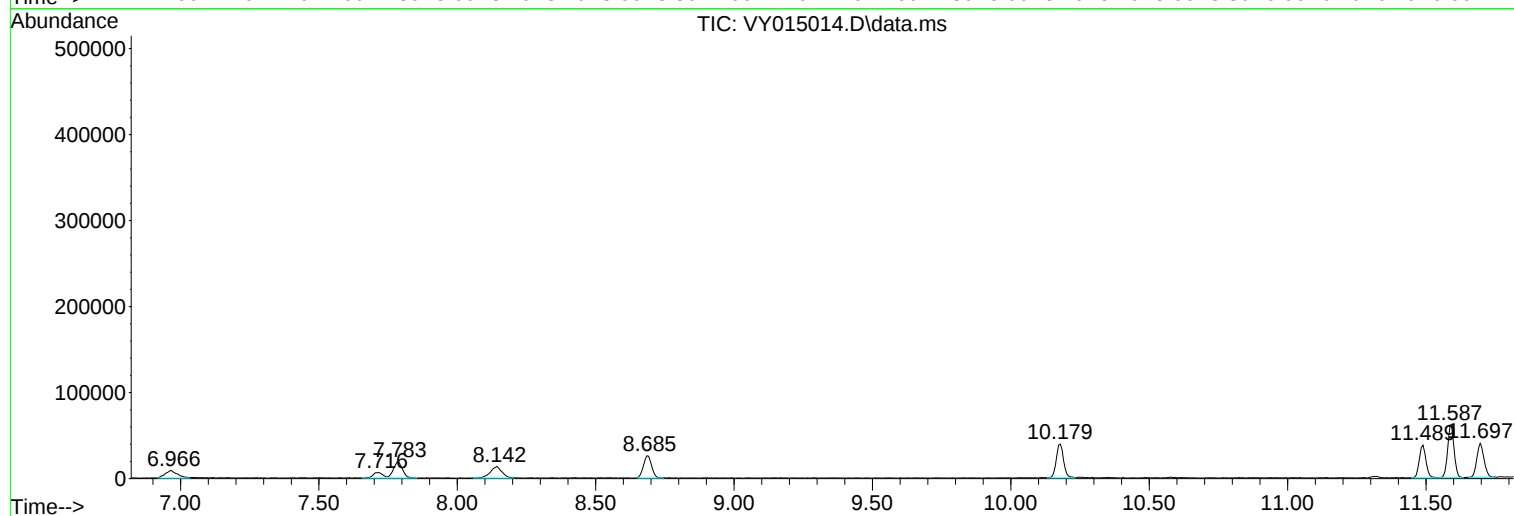
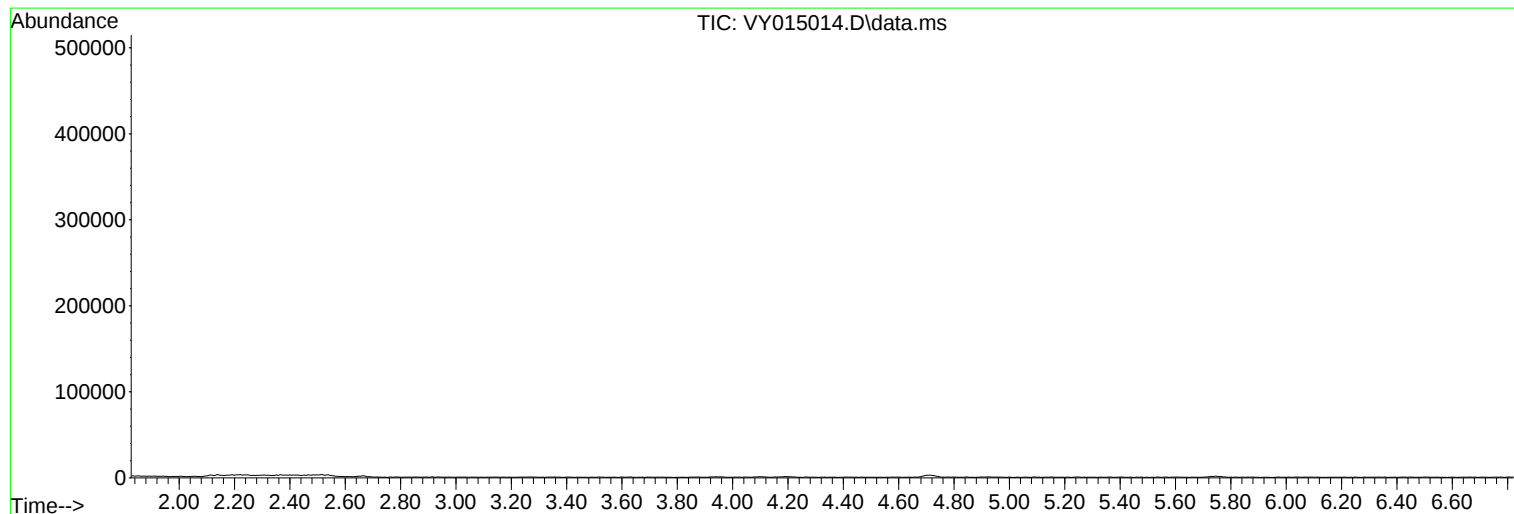
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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



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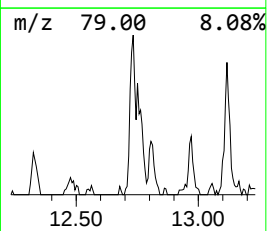
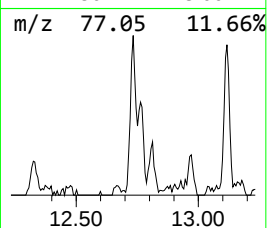
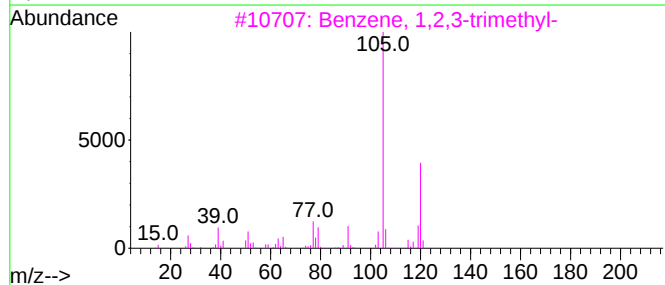
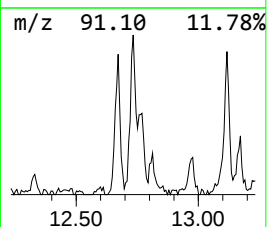
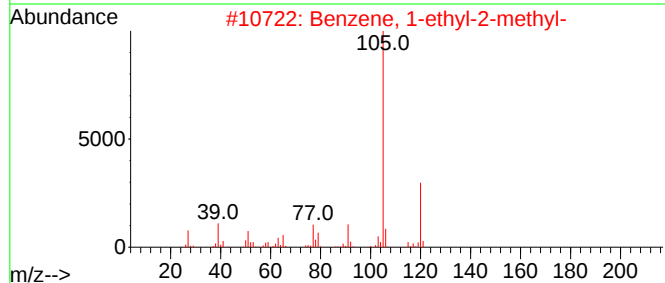
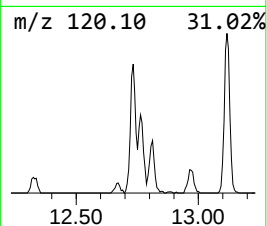
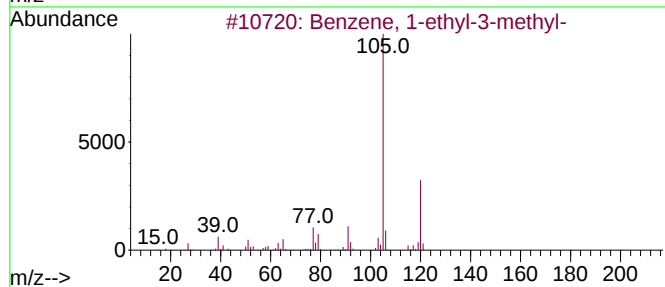
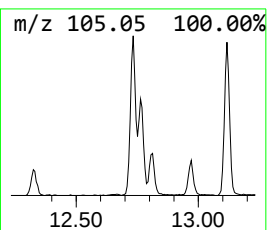
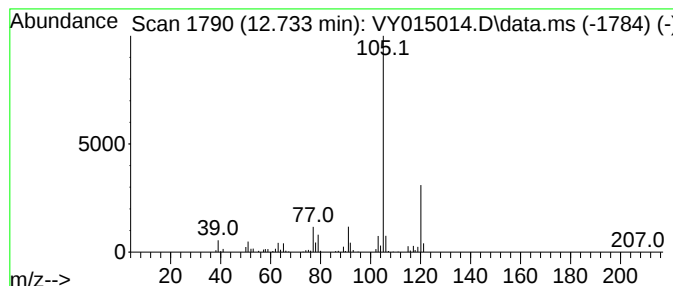
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	91.43 ug/l	104064	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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Instrument :
MSVOA_Y
ClientSampleId :
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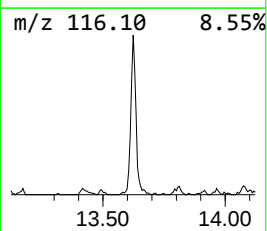
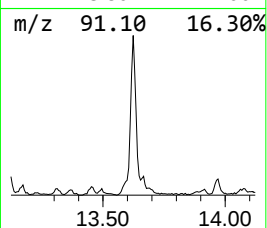
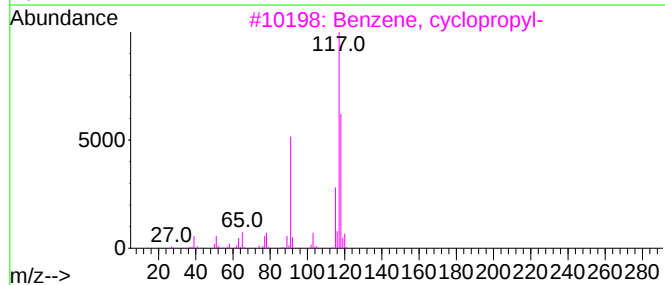
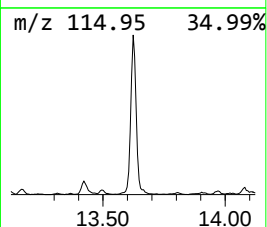
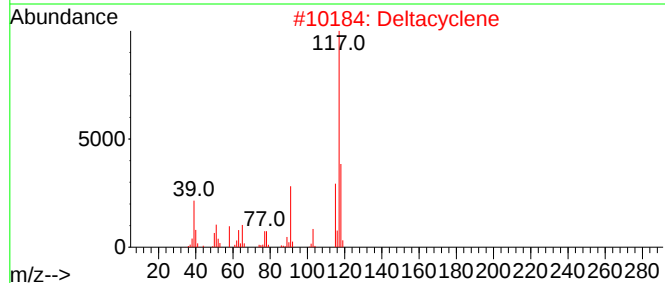
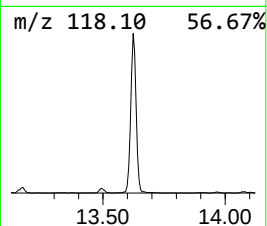
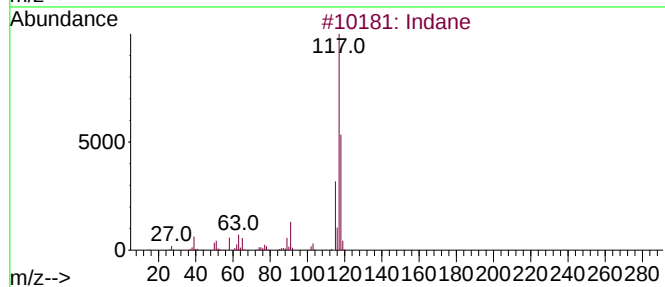
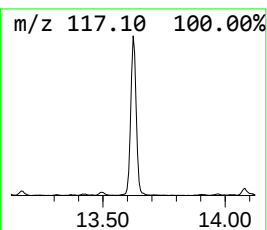
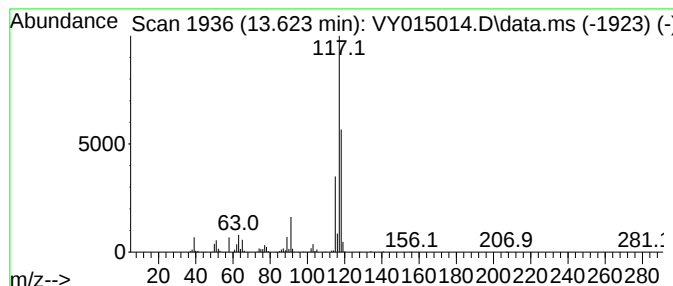
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	508.55 ug/l	578838	1,4-Dichlorobenzene-d4	13.422

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	72
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



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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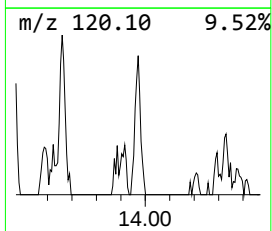
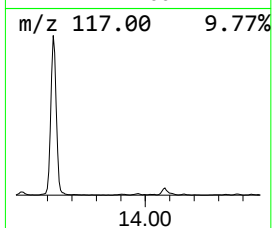
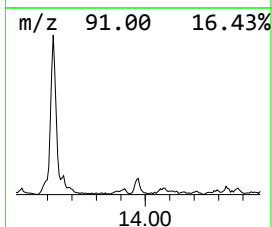
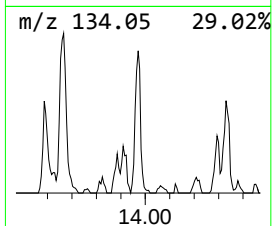
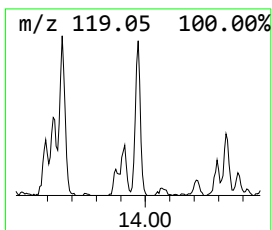
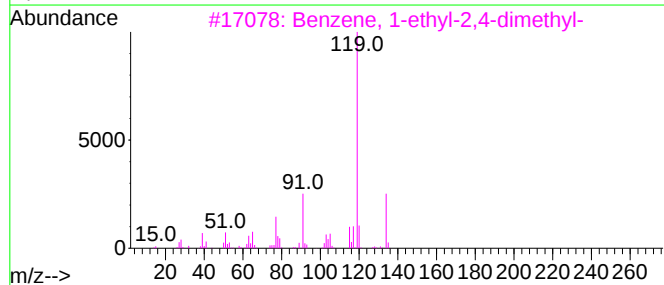
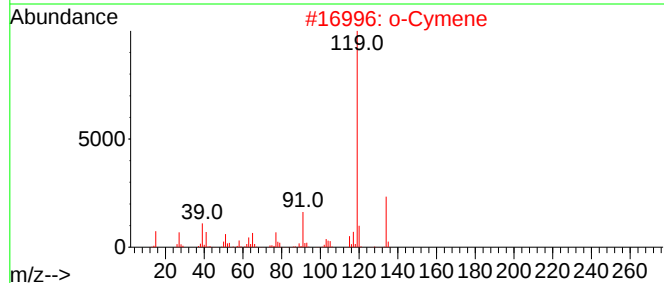
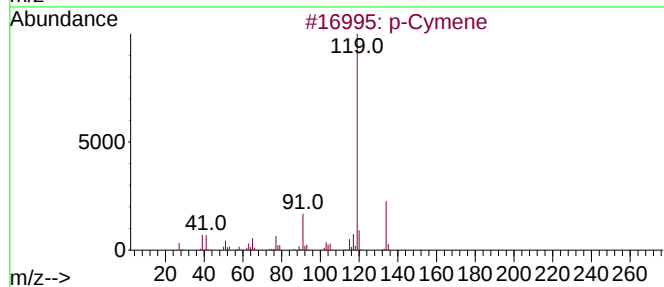
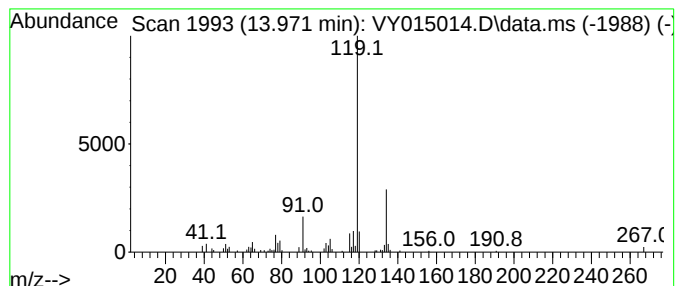
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 3 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	39.67 ug/l	45149	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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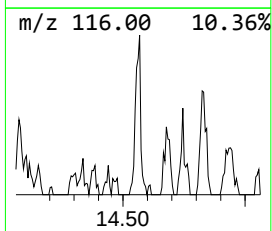
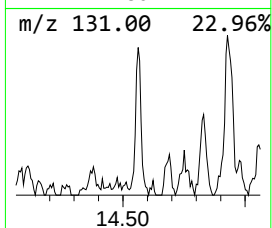
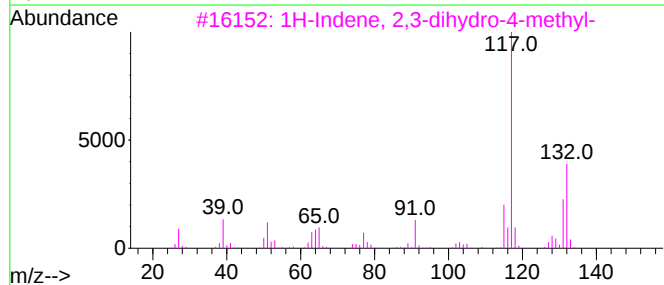
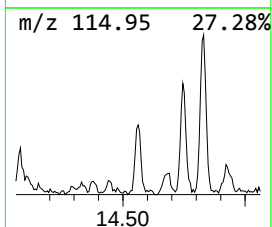
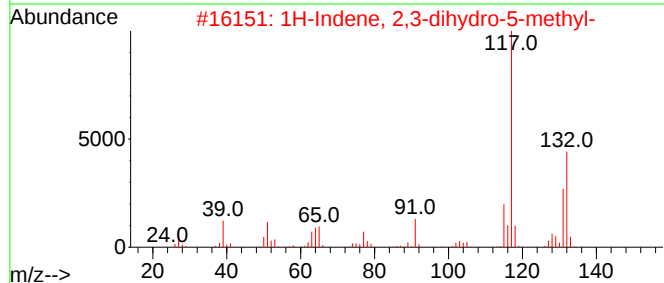
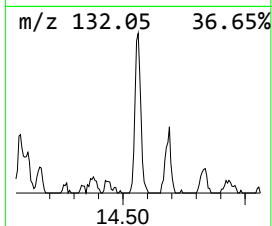
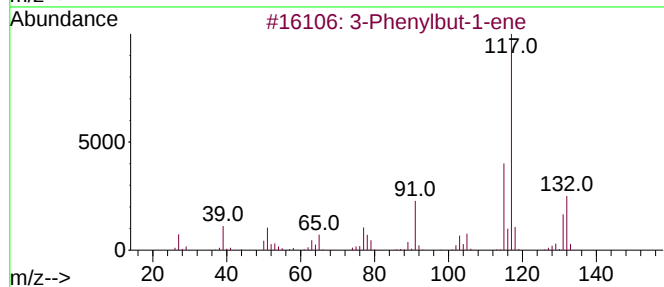
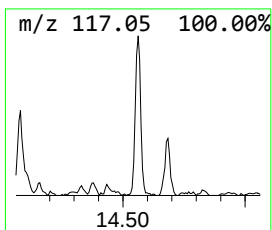
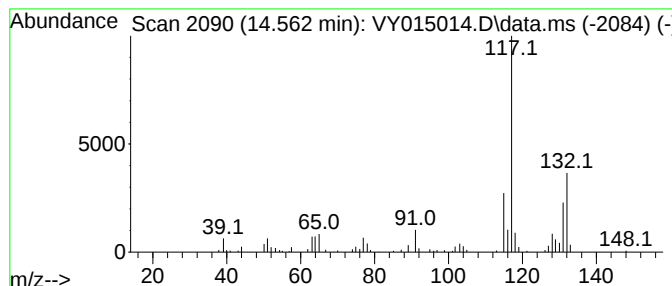
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	45.26 ug/l	51514	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83



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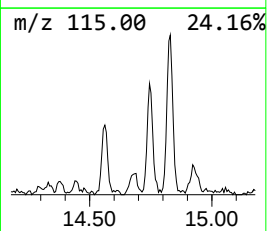
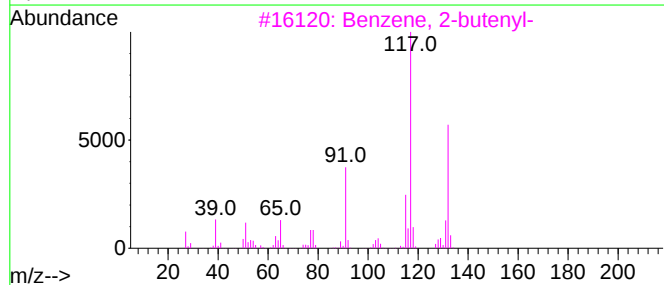
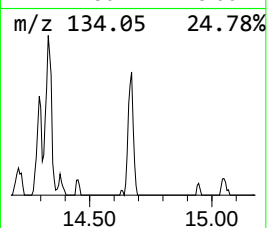
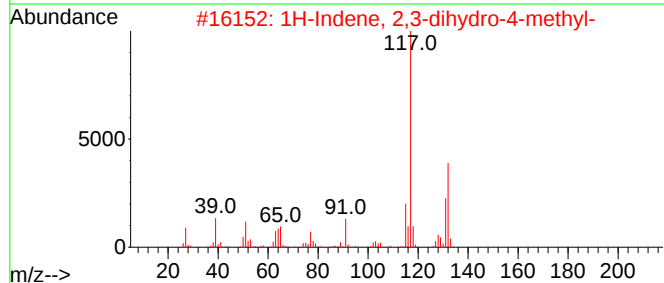
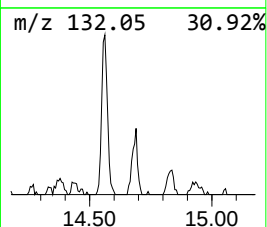
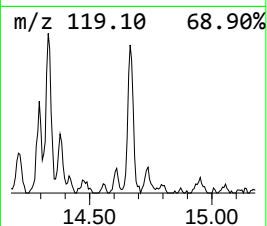
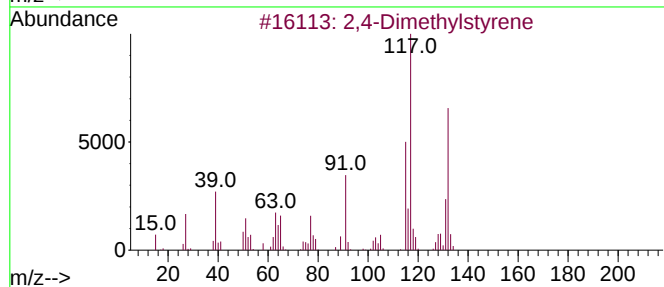
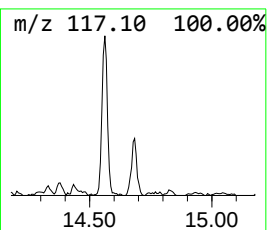
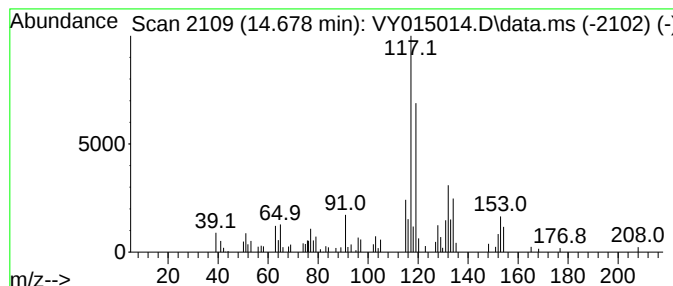
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Quant Title : SW846 8260

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

Peak Number 5 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	43.64 ug/l	49668	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	55
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	49
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	49
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	49
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015014.D
Acq On : 09 Aug 2023 18:40
Operator : SY/MD
Sample : 03956-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP22

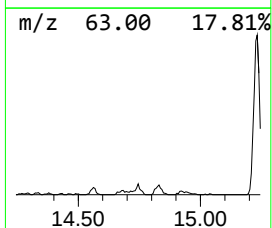
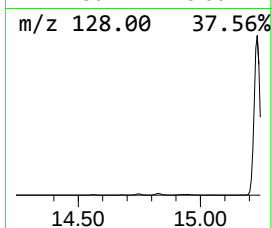
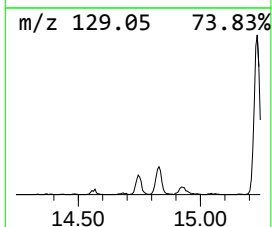
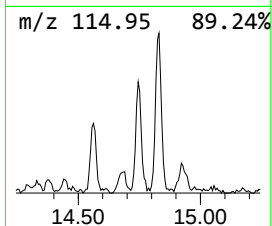
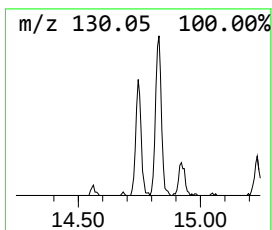
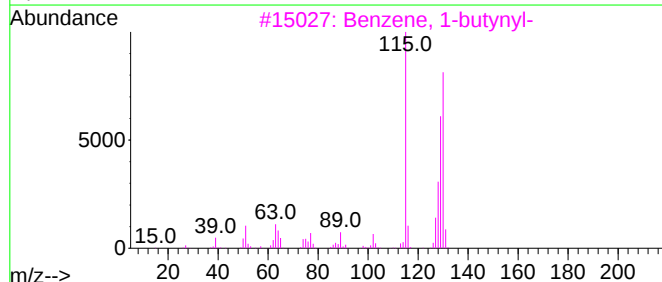
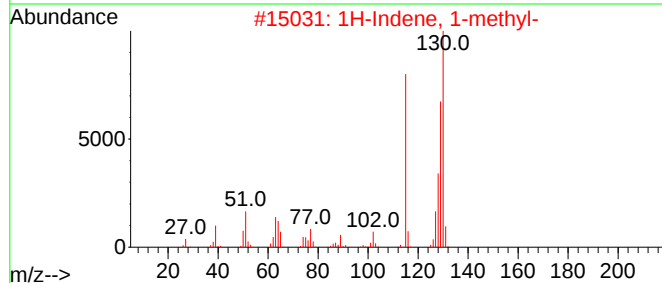
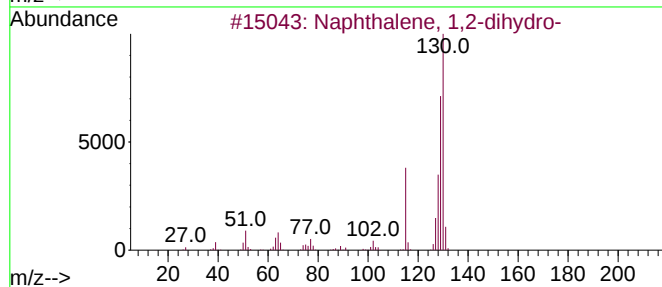
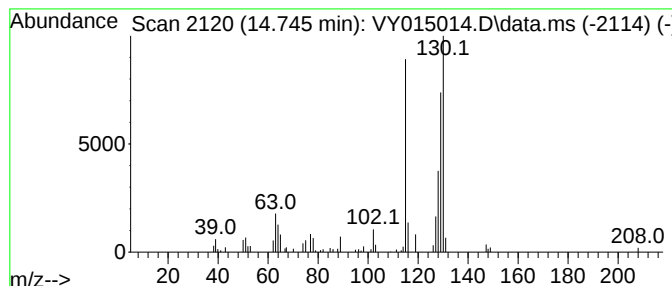
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	56.84 ug/l	64693	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
3			Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
5			2-Methylindene	130	C10H10	002177-47-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015014.D
Acq On : 09 Aug 2023 18:40
Operator : SY/MD
Sample : 03956-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP22

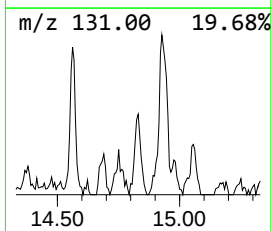
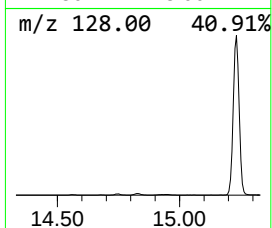
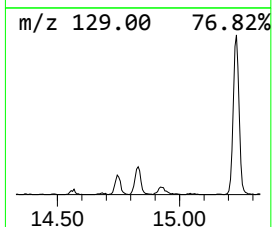
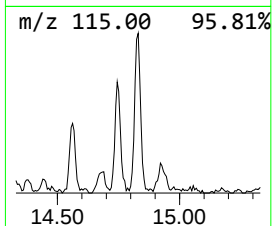
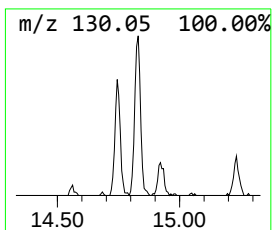
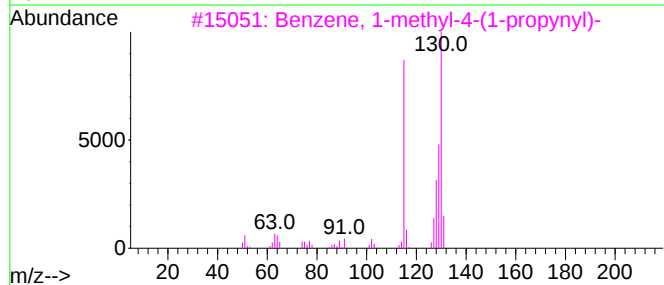
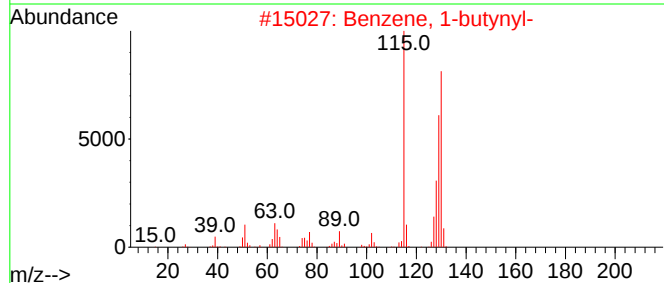
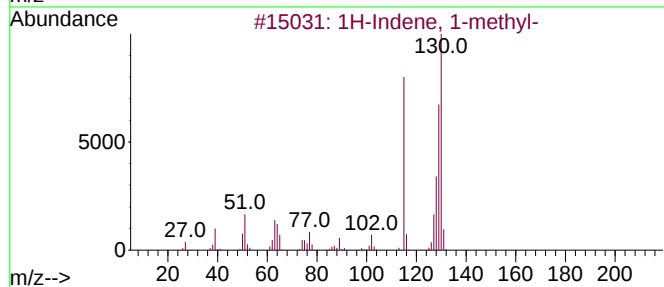
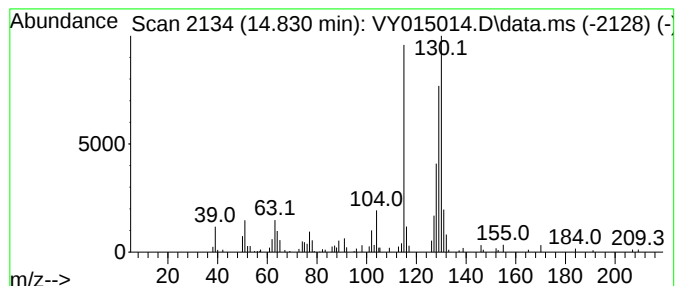
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	56.86 ug/l	64720	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2			Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3			Benzene, 1-methyl-4-(1-propynyl)-	130	C10H10	002749-93-1	93
4			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
5			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015014.D
Acq On : 09 Aug 2023 18:40
Operator : SY/MD
Sample : 03956-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.733	91.4	ug/l	104064	4	13.422	56911	50.0
Indane	13.623	508.6	ug/l	578838	4	13.422	56911	50.0
p-Cymene	13.971	39.7	ug/l	45149	4	13.422	56911	50.0
3-Phenylbut-1-ene	14.562	45.3	ug/l	51514	4	13.422	56911	50.0
2,4-Dimethylsty...	14.678	43.6	ug/l	49668	4	13.422	56911	50.0
Naphthalene, 1,...	14.745	56.8	ug/l	64693	4	13.422	56911	50.0
1H-Indene, 1-me...	14.830	56.9	ug/l	64720	4	13.422	56911	50.0