

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015312.D
 Acq On : 24 Aug 2023 15:10
 Operator : SY/MD
 Sample : 04014-01
 Misc : 10.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB06-Z102-104

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\82Y081423S.M
 Title : SW846 8260

Signal : TIC: VY015312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	463	474	485	rBV	34199	102131	12.54%	1.305%
2	5.216	545	557	566	rBV3	4237	14779	1.81%	0.189%
3	5.747	631	644	654	rBV4	4656	15507	1.90%	0.198%
4	6.984	836	847	855	rBV2	3046	8870	1.09%	0.113%
5	7.716	954	967	973	rBV	116109	280584	34.45%	3.584%
6	7.789	973	979	992	rVB	195315	437639	53.74%	5.590%
7	8.149	1026	1038	1055	rBV3	193704	527613	64.79%	6.739%
8	8.685	1118	1126	1137	rBV	297457	597899	73.42%	7.637%
9	10.179	1362	1371	1378	rBV	472810	814378	100.00%	10.402%
10	10.240	1378	1381	1387	rVB	11985	18946	2.33%	0.242%
11	11.490	1579	1586	1595	rBV	445878	717505	88.10%	9.165%
12	11.593	1595	1603	1612	rVV	246535	386924	47.51%	4.942%
13	11.703	1615	1621	1631	rVB	17034	31395	3.86%	0.401%
14	12.032	1668	1675	1685	rVB3	11493	22284	2.74%	0.285%
15	12.325	1718	1723	1731	rBV	24234	38394	4.71%	0.490%
16	12.477	1741	1748	1761	rBV	354467	560004	68.76%	7.153%
17	12.666	1772	1779	1785	rVB	13037	20110	2.47%	0.257%
18	12.971	1823	1829	1837	rVB	33700	54710	6.72%	0.699%
19	13.093	1841	1849	1850	rBV	6540	8865	1.09%	0.113%
20	13.117	1850	1853	1857	rVV2	8079	11765	1.44%	0.150%
21	13.166	1857	1861	1866	rVB	11956	17592	2.16%	0.225%
22	13.422	1897	1903	1913	rBV	470473	759671	93.28%	9.703%
23	13.587	1925	1930	1933	rBV2	19311	29393	3.61%	0.375%
24	13.623	1933	1936	1940	rVV	23035	35941	4.41%	0.459%
25	13.672	1940	1944	1950	rVB2	14772	24640	3.03%	0.315%
26	13.806	1960	1966	1974	rVB2	38938	66186	8.13%	0.845%
27	13.885	1974	1979	1986	rBV3	5324	12960	1.59%	0.166%
28	13.971	1986	1993	1999	rBV2	66298	101322	12.44%	1.294%
29	14.081	2004	2011	2015	rBV	23419	43336	5.32%	0.554%
30	14.209	2025	2032	2037	rVB4	12318	20383	2.50%	0.260%
31	14.294	2037	2046	2049	rBV4	8927	17604	2.16%	0.225%
32	14.331	2049	2052	2056	rVV2	9432	14218	1.75%	0.182%
33	14.379	2056	2060	2064	rVB3	7798	11580	1.42%	0.148%
34	14.446	2065	2071	2075	rBV4	7058	12027	1.48%	0.154%
35	14.562	2083	2090	2095	rBV	56726	86852	10.66%	1.109%
36	14.611	2095	2098	2103	rVB3	10375	13740	1.69%	0.176%

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Stop Thrs : 0

Peak Location: TOP

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37	14.684	2103	2110	2115	rBV3	51605	107157	13.16%	1.369%
38	14.745	2115	2120	2128	rVB	84465	131528	16.15%	1.680%
39	14.830	2128	2134	2143	rVB	95335	150081	18.43%	1.917%
40	14.940	2144	2152	2157	rBV4	23056	45677	5.61%	0.583%
41	15.050	2165	2170	2182	rVB2	18224	31967	3.93%	0.408%
42	15.233	2193	2200	2207	rVV	465662	762947	93.68%	9.745%
43	15.330	2211	2216	2223	rVV2	42350	88984	10.93%	1.137%
44	15.519	2240	2247	2251	rBV3	11081	21820	2.68%	0.279%
45	15.714	2273	2279	2283	rVV3	15814	27038	3.32%	0.345%
46	15.763	2283	2287	2291	rVB3	6869	11256	1.38%	0.144%
47	15.830	2291	2298	2304	rBV3	20362	50577	6.21%	0.646%
48	16.025	2323	2330	2336	rBV6	4496	10918	1.34%	0.139%
49	16.099	2337	2342	2351	rVV8	6133	17343	2.13%	0.222%
50	16.227	2351	2363	2368	rVV3	19980	45636	5.60%	0.583%
51	16.287	2368	2373	2386	rVB	62844	137768	16.92%	1.760%
52	16.409	2386	2393	2398	rBV3	5451	11618	1.43%	0.148%
53	16.489	2398	2406	2416	rVB2	108566	238787	29.32%	3.050%

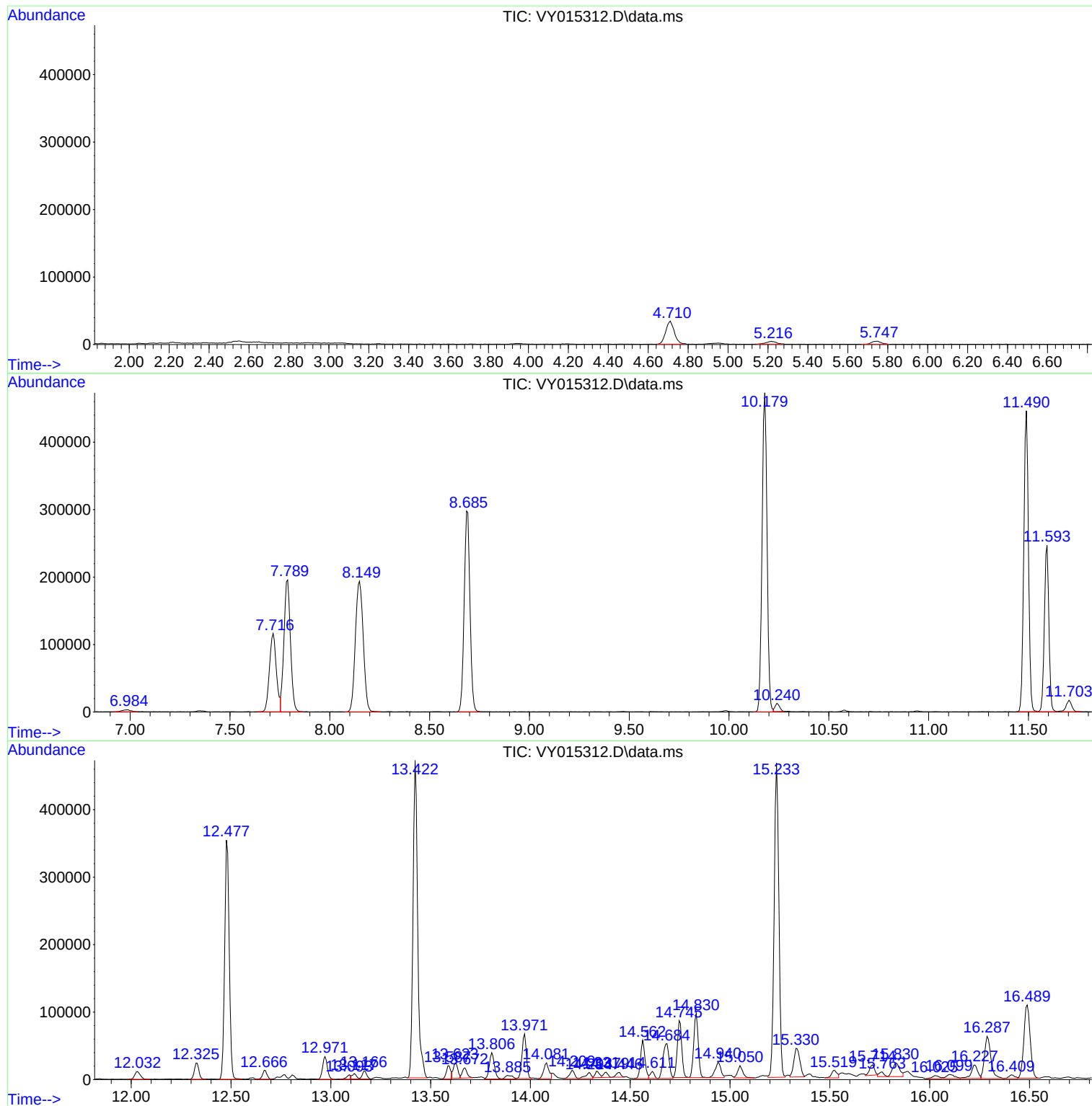
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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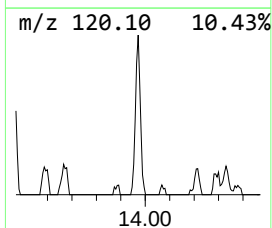
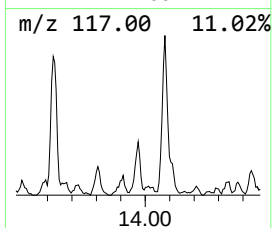
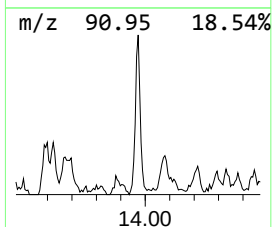
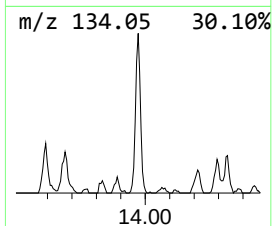
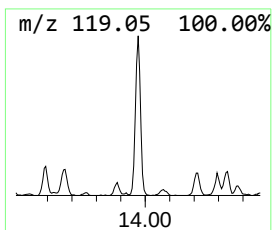
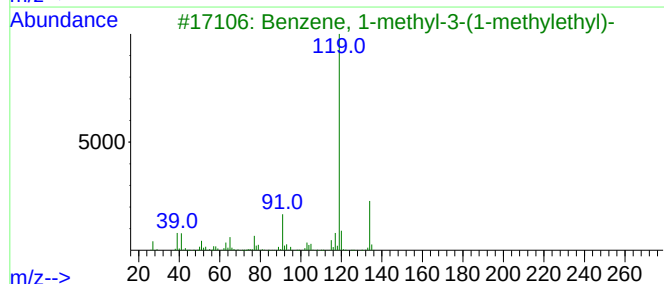
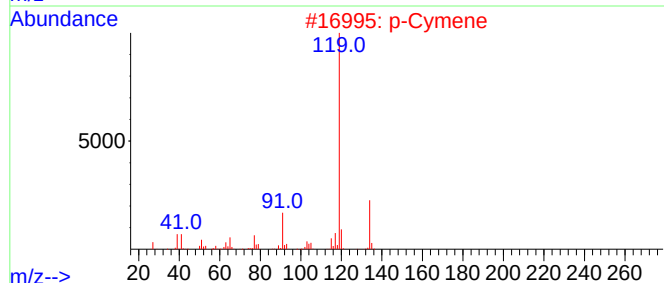
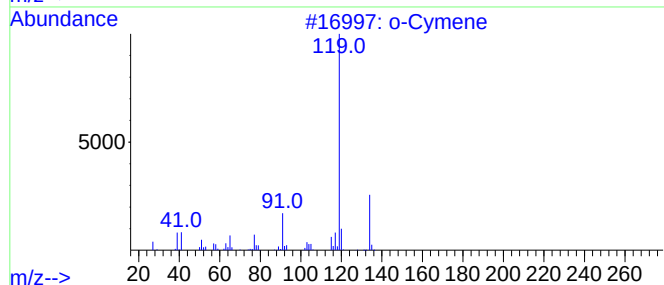
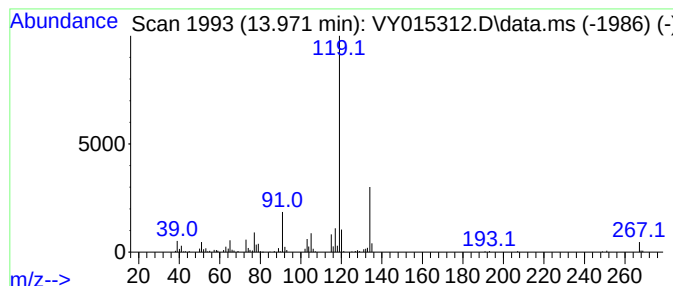
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 1 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	6.67 ug/l	101322	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



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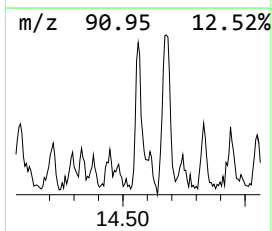
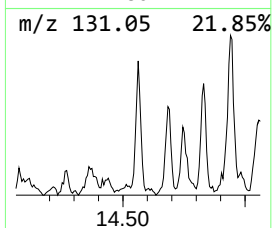
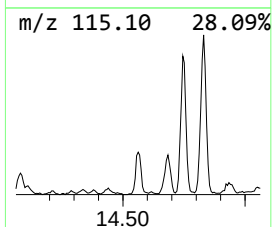
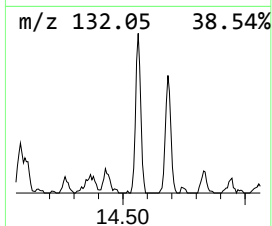
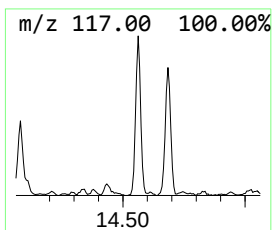
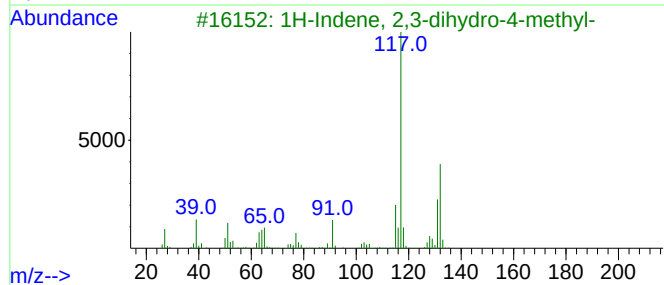
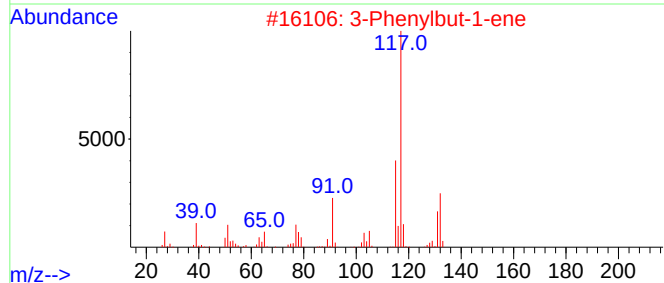
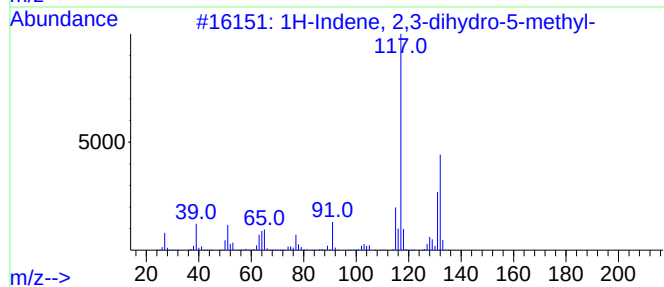
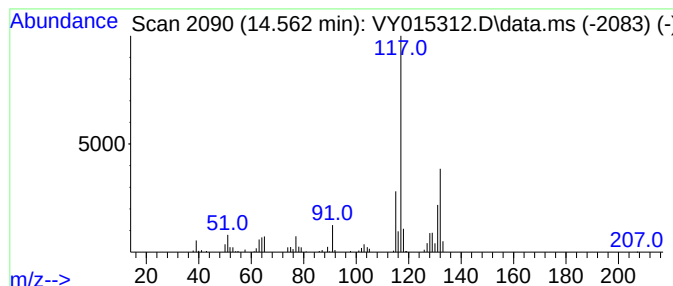
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 2 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	5.72 ug/l	86852	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87



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Instrument :
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NEVINS-SB06-Z102-104

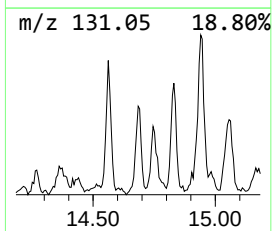
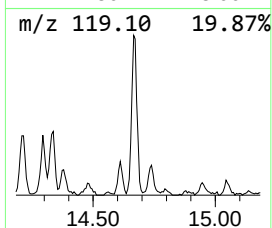
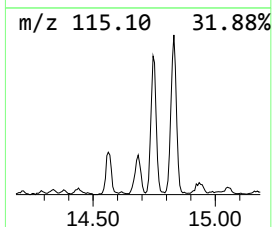
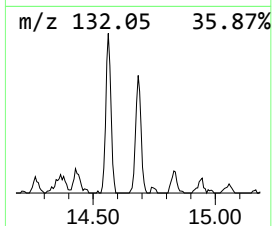
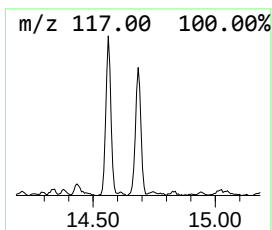
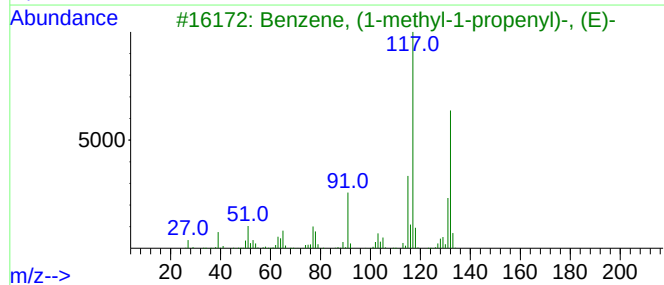
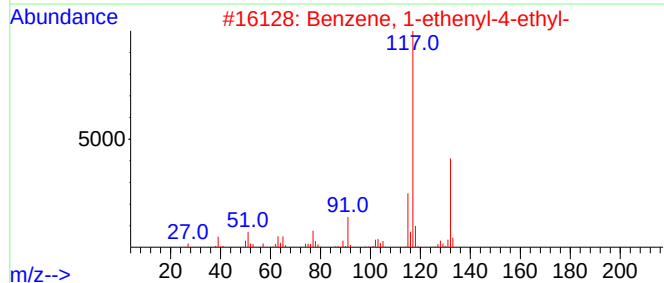
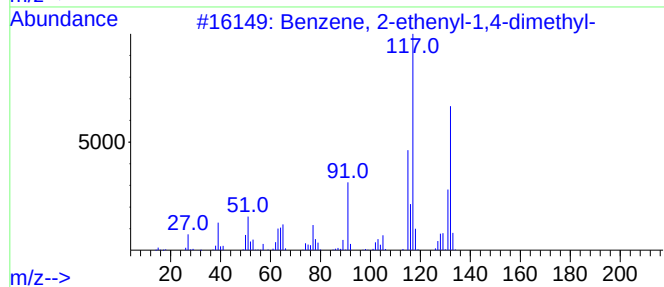
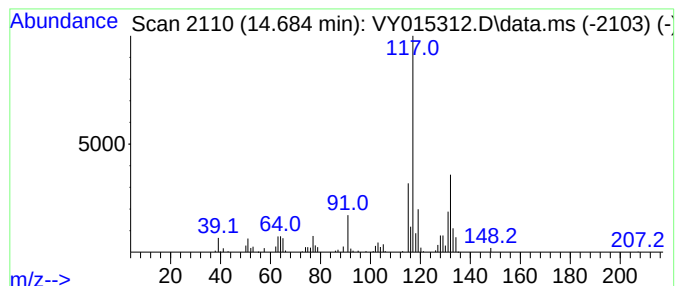
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	7.05 ug/l	107157	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	68
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68



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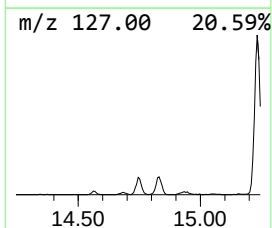
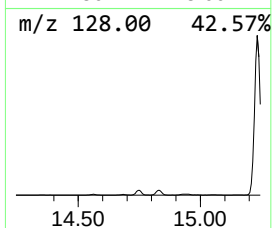
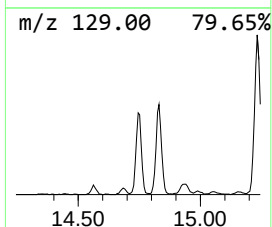
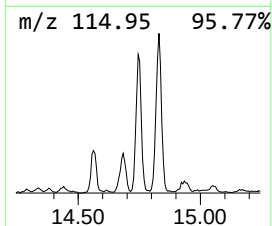
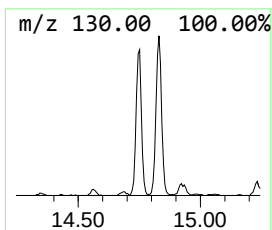
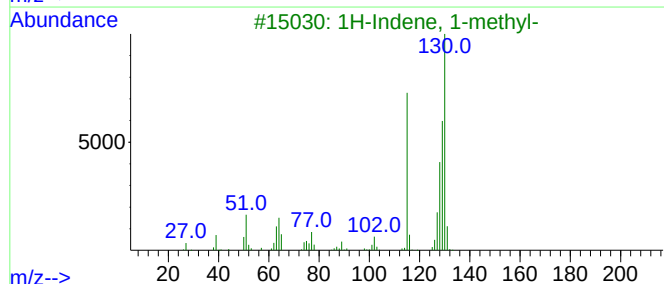
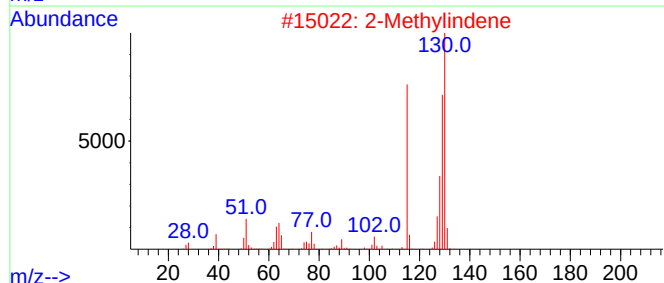
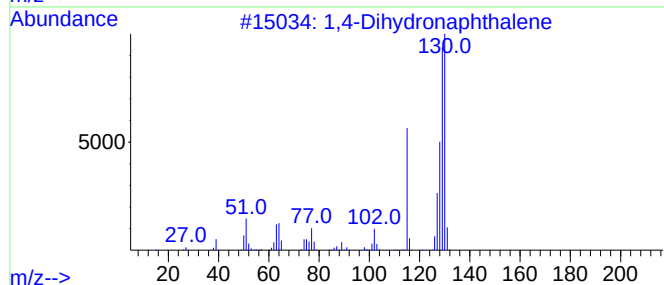
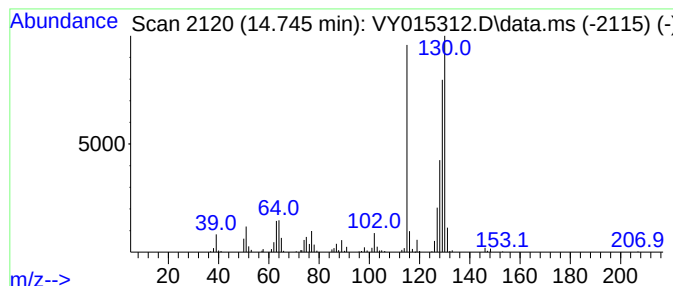
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 4 1,4-Dihydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	8.66 ug/l	131528	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2			2-Methylindene	130	C10H10	002177-47-1	95
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



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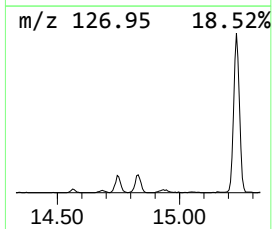
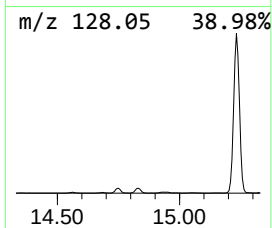
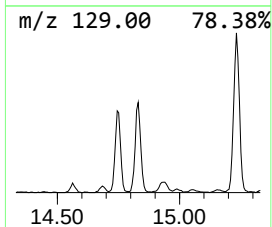
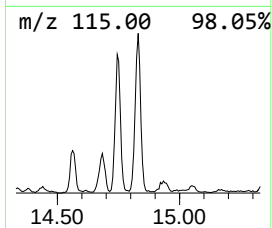
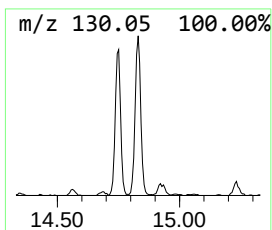
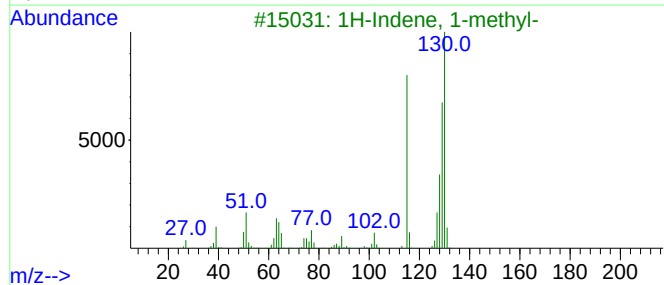
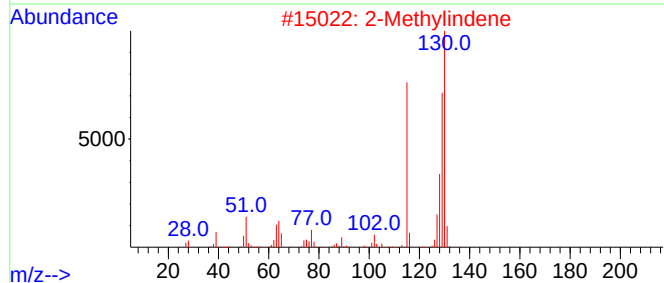
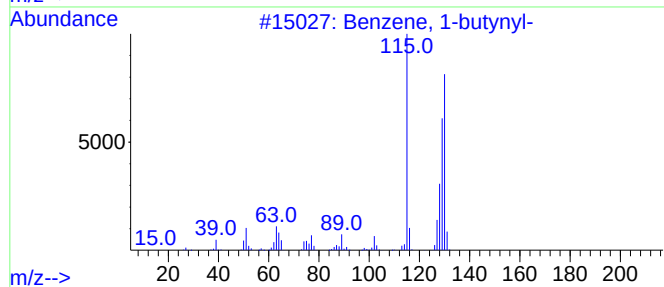
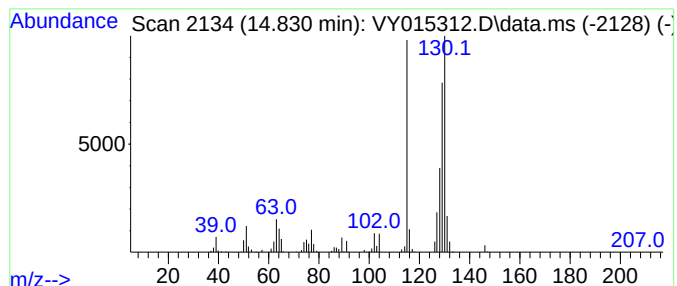
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-butynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	9.88 ug/l	150081	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2			2-Methylindene	130	C10H10	002177-47-1	95
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4			Benzene, 1-methyl-4-(1-propynyl)-	130	C10H10	002749-93-1	94
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015312.D
Acq On : 24 Aug 2023 15:10
Operator : SY/MD
Sample : 04014-01
Misc : 10.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

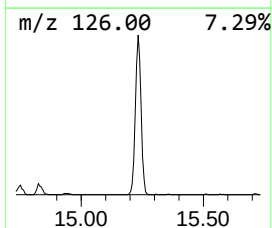
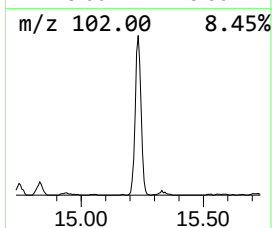
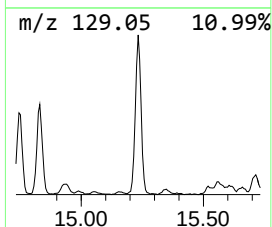
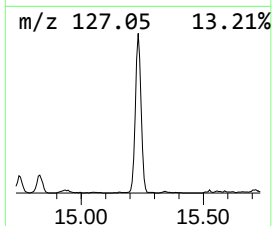
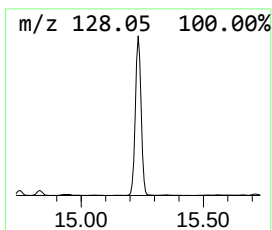
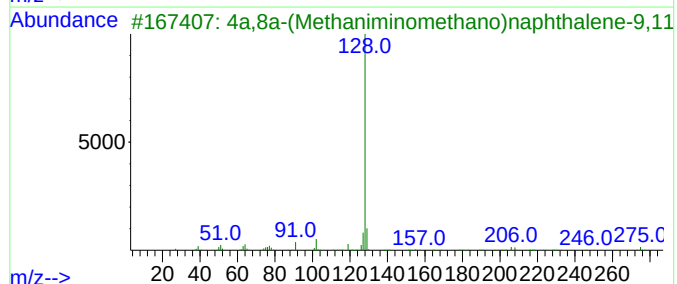
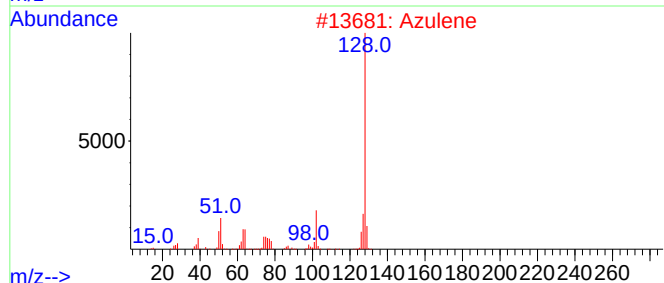
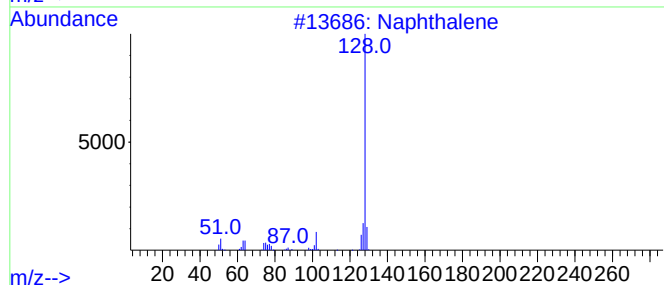
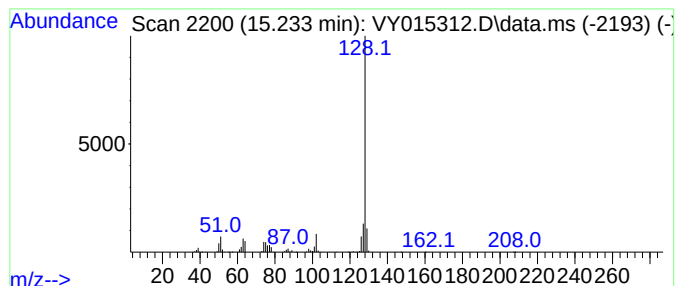
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Quant Title : SW846 8260

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

Peak Number 6 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	50.22 ug/l	762947	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	47
5			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015312.D
Acq On : 24 Aug 2023 15:10
Operator : SY/MD
Sample : 04014-01
Misc : 10.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

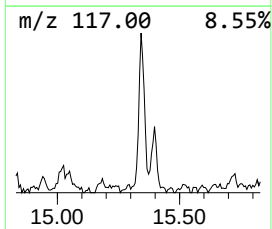
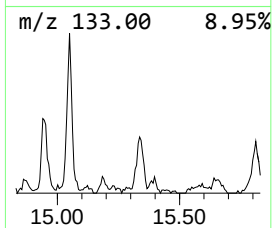
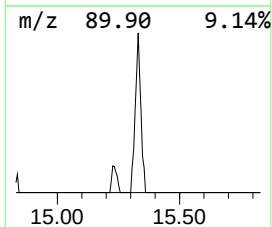
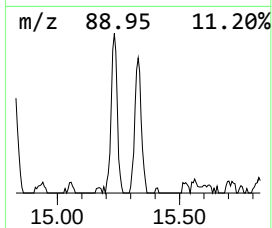
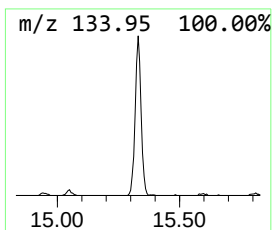
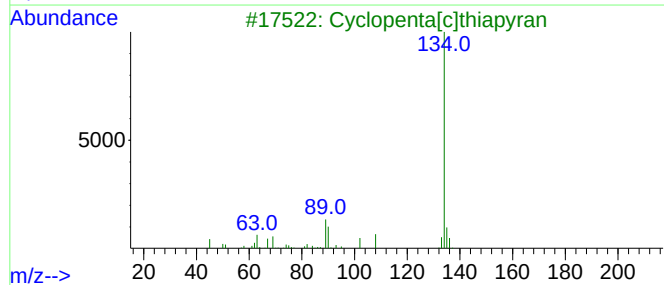
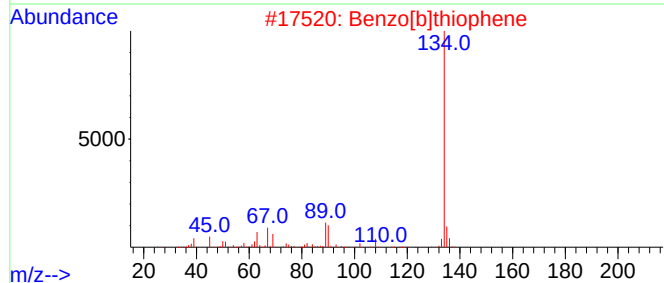
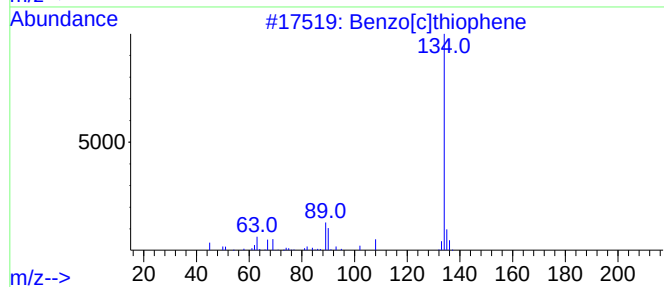
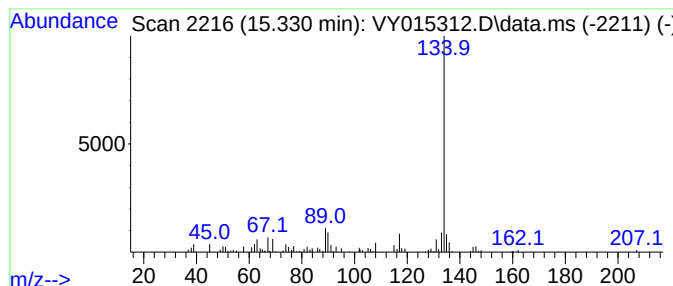
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	5.86 ug/l	88984	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	90
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
4			[1]Benzo[thieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5			6-Phenyl-[1,3]thiazine-2,4-dione	205	C10H7N02S	1000300-90-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015312.D
Acq On : 24 Aug 2023 15:10
Operator : SY/MD
Sample : 04014-01
Misc : 10.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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
o-Cymene	13.971	6.7	ug/l	101322	4	13.422	759671	50.0
1H-Indene, 2,3-...	14.562	5.7	ug/l	86852	4	13.422	759671	50.0
Benzene, 2-ethe...	14.684	7.0	ug/l	107157	4	13.422	759671	50.0
1,4-Dihydronaph...	14.745	8.7	ug/l	131528	4	13.422	759671	50.0
Benzene, 1-buty...	14.830	9.9	ug/l	150081	4	13.422	759671	50.0
Azulene	15.233	50.2	ug/l	762947	4	13.422	759671	50.0
Benzo[c]thiophene	15.330	5.9	ug/l	88984	4	13.422	759671	50.0