

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015007.D
 Acq On : 09 Aug 2023 15:54
 Operator : SY/MD
 Sample : 03945-01
 Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB01-Z88-90

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: VY015007.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	459	474	497	rBV	58477	199311	2.62%	0.446%
2	5.216	541	557	570	rBV2	32462	120996	1.59%	0.271%
3	7.709	955	966	972	rBV	181455	442078	5.82%	0.990%
4	7.783	972	978	990	rVB	299145	691236	9.09%	1.548%
5	8.136	1027	1036	1049	rBV2	214209	519701	6.84%	1.164%
6	8.685	1117	1126	1139	rBV	484958	940992	12.38%	2.107%
7	10.172	1362	1370	1377	rBV	751069	1300679	17.11%	2.912%
8	11.483	1578	1585	1596	rBV	733394	1225560	16.12%	2.744%
9	11.587	1596	1602	1612	rBV	806737	1271264	16.73%	2.846%
10	11.697	1612	1620	1630	rVB	374115	750533	9.87%	1.681%
11	12.026	1663	1674	1683	rBV	233940	456579	6.01%	1.022%
12	12.239	1705	1709	1714	rVV5	40256	85642	1.13%	0.192%
13	12.324	1717	1723	1728	rVV	218850	361290	4.75%	0.809%
14	12.404	1728	1736	1739	rVV7	37711	103340	1.36%	0.231%
15	12.477	1743	1748	1759	rVB	664852	1059610	13.94%	2.373%
16	12.666	1771	1779	1783	rBV	114065	193171	2.54%	0.433%
17	12.733	1783	1790	1792	rVV	325631	509803	6.71%	1.142%
18	12.763	1792	1795	1799	rVV	475063	684390	9.00%	1.532%
19	12.806	1799	1802	1808	rVB2	232630	352597	4.64%	0.790%
20	12.965	1821	1828	1836	rBV	267920	458945	6.04%	1.028%
21	13.117	1844	1853	1858	rBV	627470	1009318	13.28%	2.260%
22	13.166	1858	1861	1866	rVB	73803	103140	1.36%	0.231%
23	13.233	1866	1872	1878	rBV6	38299	104471	1.37%	0.234%
24	13.312	1878	1885	1889	rBV2	99266	172964	2.28%	0.387%
25	13.361	1889	1893	1897	rBV2	99048	146921	1.93%	0.329%
26	13.422	1897	1903	1907	rBV	771453	1285845	16.92%	2.879%
27	13.495	1912	1915	1923	rVB3	75891	128328	1.69%	0.287%
28	13.586	1924	1930	1932	rBV	215017	331205	4.36%	0.742%
29	13.623	1932	1936	1940	rVV	1474985	2261252	29.75%	5.063%
30	13.666	1940	1943	1951	rVV	453363	729732	9.60%	1.634%
31	13.751	1952	1957	1960	rVV3	127548	195943	2.58%	0.439%
32	13.818	1961	1968	1973	rVB2	71587	163245	2.15%	0.366%
33	13.879	1973	1978	1980	rBV	187008	268793	3.54%	0.602%
34	13.910	1980	1983	1987	rVV2	201884	294200	3.87%	0.659%
35	13.964	1987	1992	1997	rVB	513638	761220	10.01%	1.704%
36	14.074	2004	2010	2014	rBV2	264141	466310	6.13%	1.044%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	14.208	2025	2032	2036	rVB2	126517	222223	2.92%	0.498%
38	14.294	2042	2046	2049	rVV	158429	225825	2.97%	0.506%
39	14.330	2049	2052	2056	rVB	284852	363182	4.78%	0.813%
40	14.379	2056	2060	2064	rBV	220556	293089	3.86%	0.656%
41	14.446	2064	2071	2074	rBV2	131440	226450	2.98%	0.507%
42	14.562	2085	2090	2094	rBV	214887	354134	4.66%	0.793%
43	14.605	2094	2097	2102	rVB	147065	223039	2.93%	0.499%
44	14.666	2102	2107	2114	rBV2	444555	835364	10.99%	1.870%
45	14.745	2114	2120	2128	rBV3	407263	745316	9.81%	1.669%
46	14.824	2128	2133	2142	rVB	654991	1037933	13.66%	2.324%
47	14.934	2144	2151	2159	rBV4	362675	850858	11.19%	1.905%
48	15.050	2165	2170	2182	rVB2	159177	322097	4.24%	0.721%
49	15.178	2183	2191	2193	rBV4	66779	144881	1.91%	0.324%
50	15.232	2193	2200	2207	rVB	4298192	7086896	93.24%	15.868%
51	15.336	2211	2217	2223	rBV2	314388	597697	7.86%	1.338%
52	15.519	2242	2247	2250	rBV4	119316	214935	2.83%	0.481%
53	15.556	2250	2253	2254	rBV	74985	77924	1.03%	0.174%
54	15.708	2273	2278	2283	rBV2	195410	343036	4.51%	0.768%
55	15.757	2283	2286	2290	rVB	92599	137307	1.81%	0.307%
56	15.824	2290	2297	2302	rBV2	224219	554205	7.29%	1.241%
57	16.025	2323	2330	2334	rBV5	52271	123009	1.62%	0.275%
58	16.098	2335	2342	2353	rVV4	99191	312027	4.11%	0.699%
59	16.220	2354	2362	2367	rVV	195166	442571	5.82%	0.991%
60	16.287	2367	2373	2387	rVB	414158	949948	12.50%	2.127%
61	16.409	2387	2393	2397	rBV4	45186	105928	1.39%	0.237%
62	16.482	2397	2405	2415	rVV	3695019	7600834	100.00%	17.019%
63	16.586	2416	2422	2432	rVV5	41150	119361	1.57%	0.267%

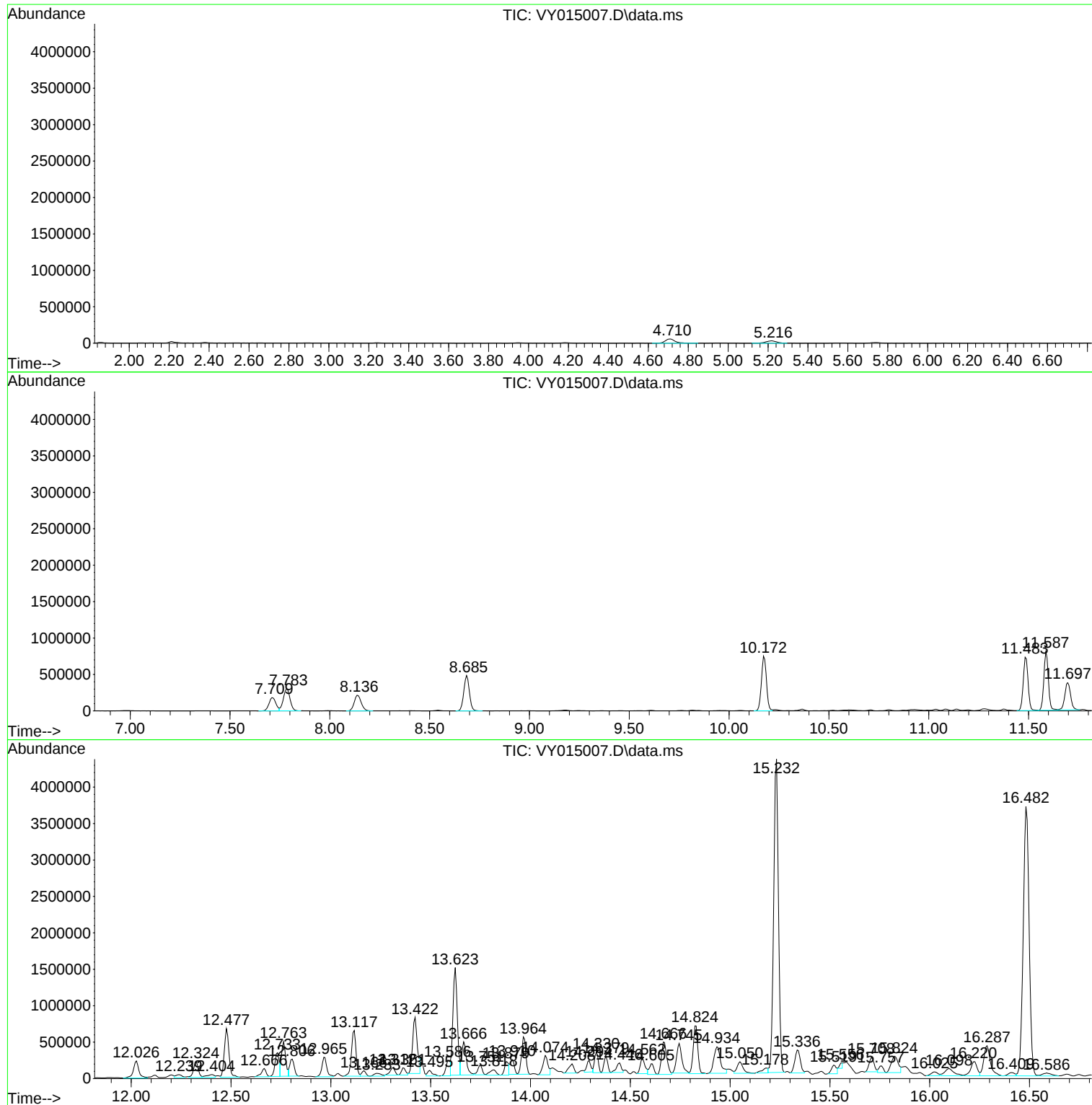
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NEVINS-SB01-Z88-90

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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MSVOA_Y
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NEVINS-SB01-Z88-90

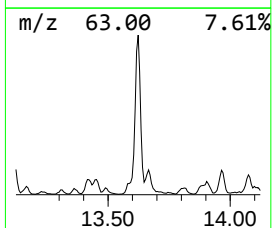
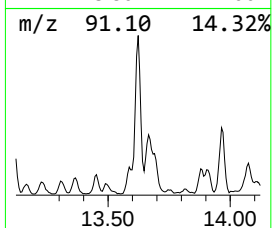
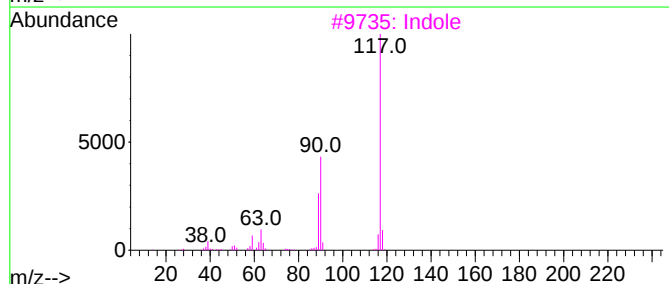
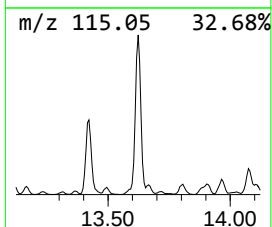
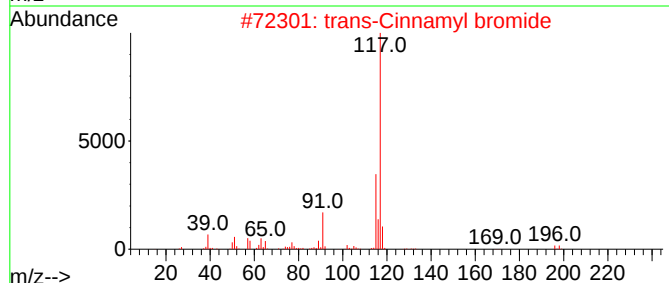
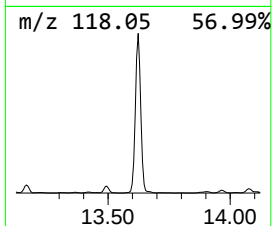
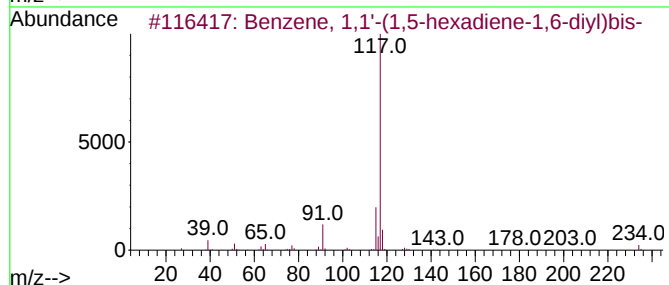
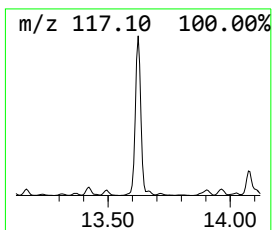
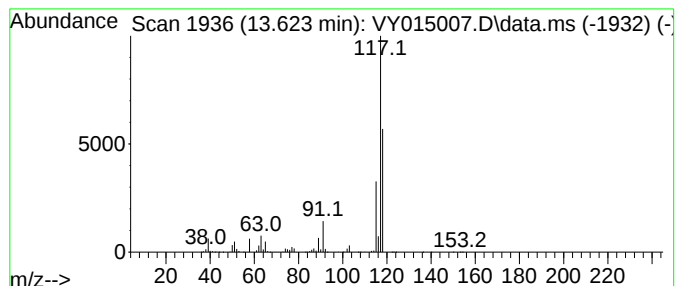
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	87.93 ug/l	2261250	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
3			Indole	117	C8H7N	000120-72-9	46
4			Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	36
5			Benzyl nitrile	117	C8H7N	000140-29-4	32



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NEVINS-SB01-Z88-90

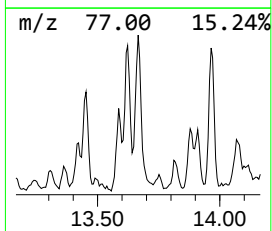
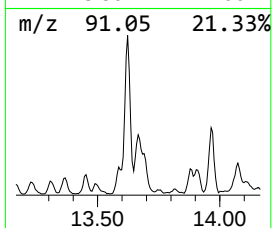
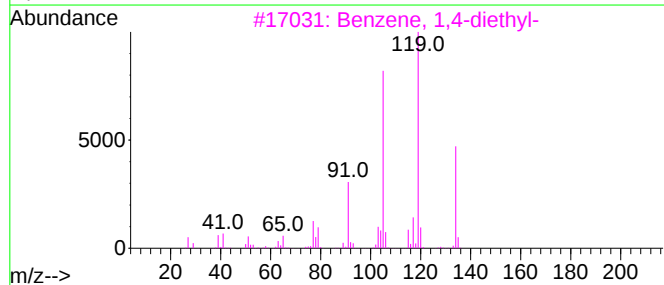
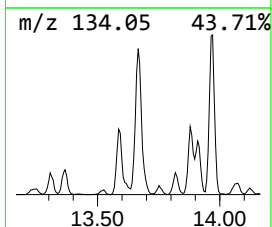
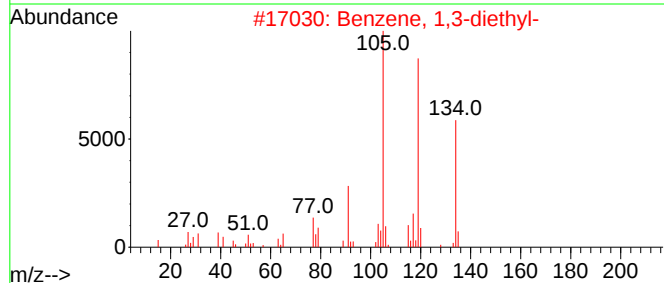
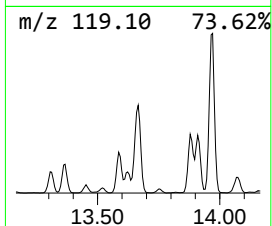
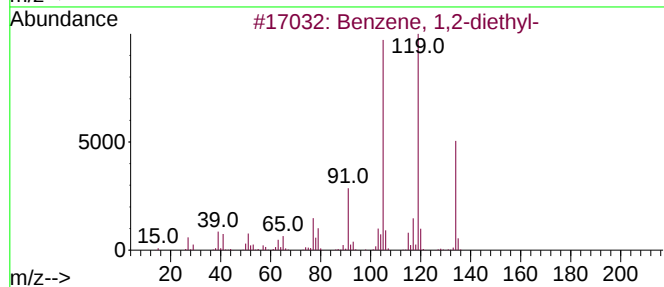
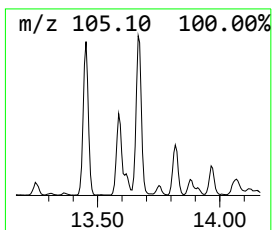
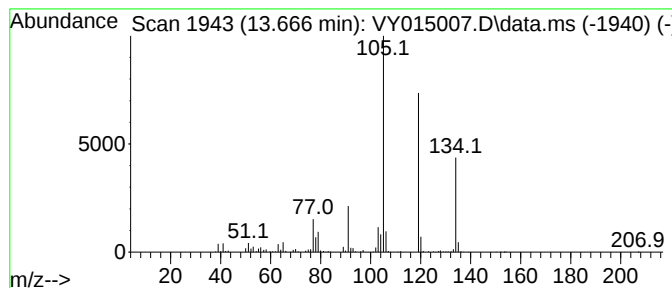
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	28.38 ug/l	729732	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4			2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	80
5			o-Cymene	134	C10H14	000527-84-4	64



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z88-90

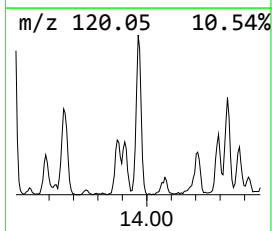
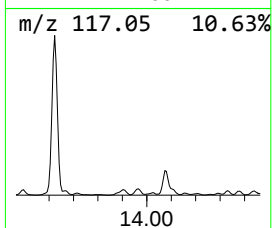
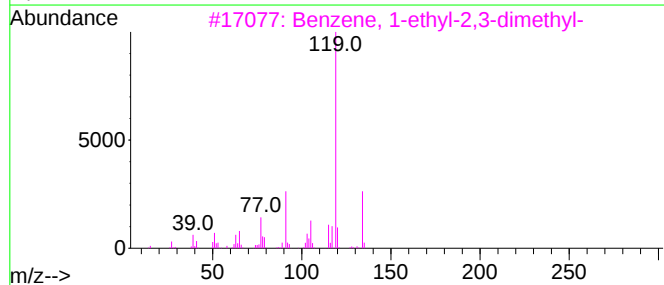
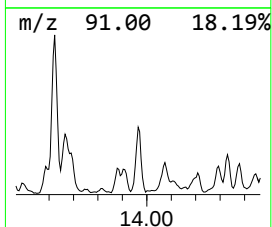
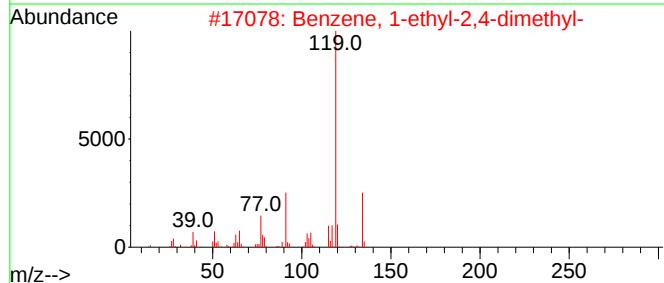
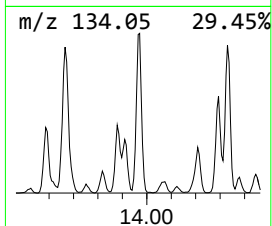
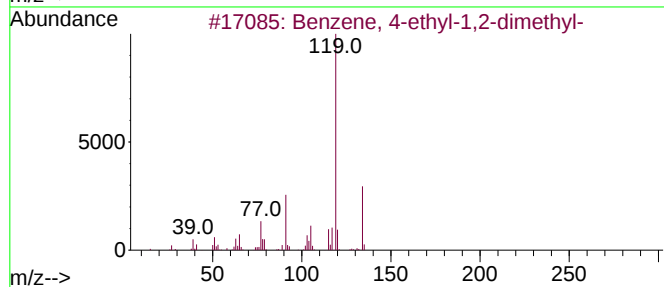
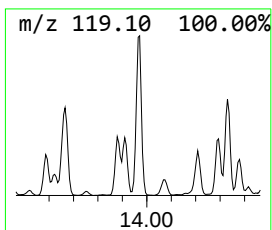
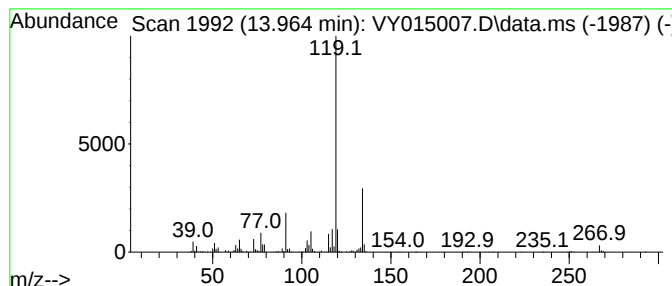
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	29.60 ug/l	761220	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			p-Cymene	134	C10H14	000099-87-6	94



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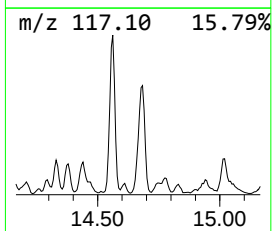
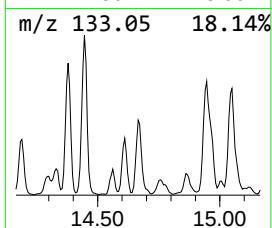
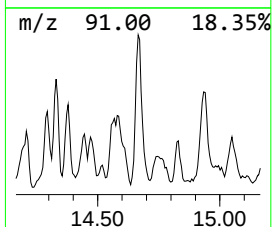
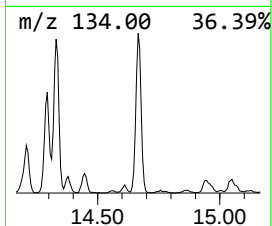
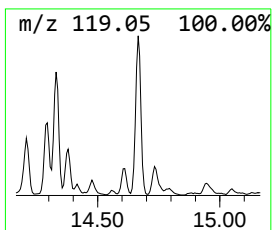
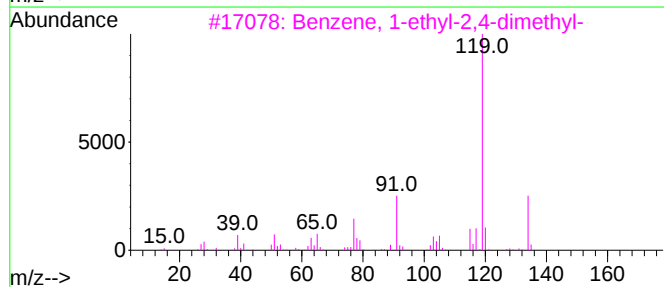
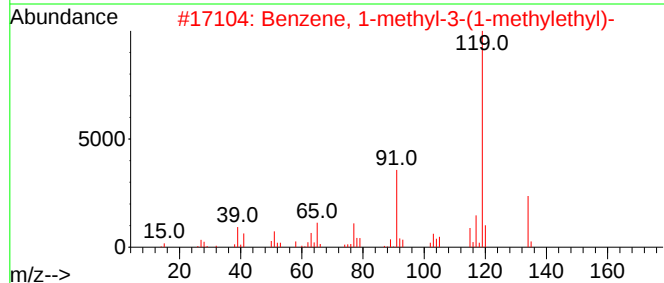
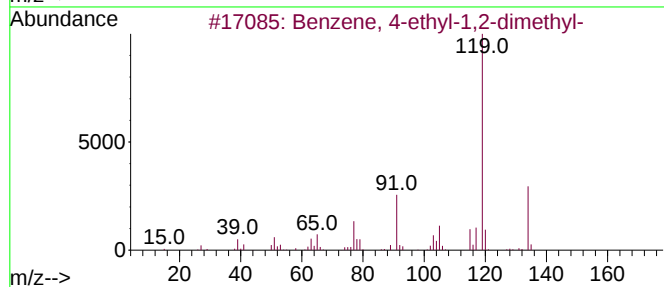
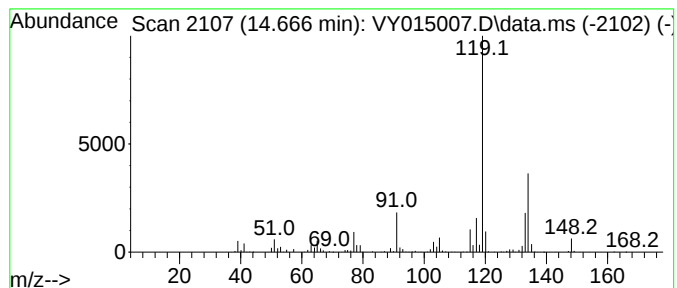
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	32.48 ug/l	835364	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015007.D
Acq On : 09 Aug 2023 15:54
Operator : SY/MD
Sample : 03945-01
Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z88-90

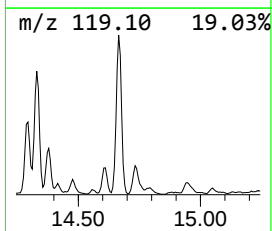
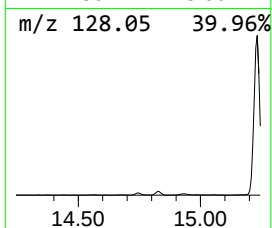
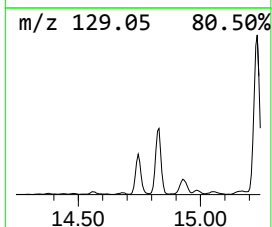
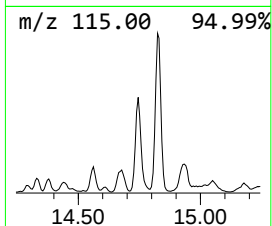
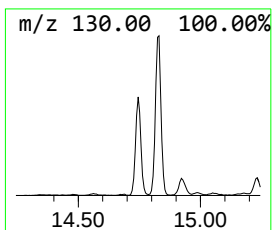
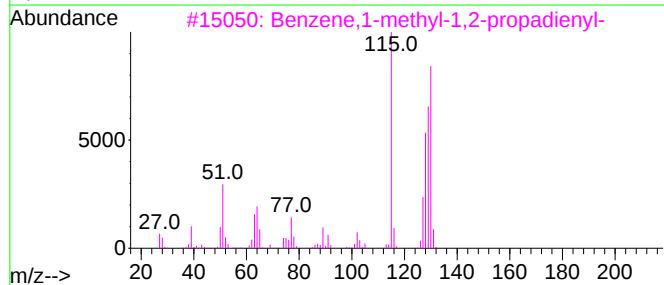
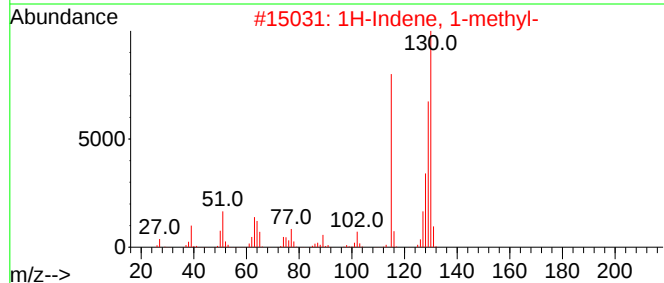
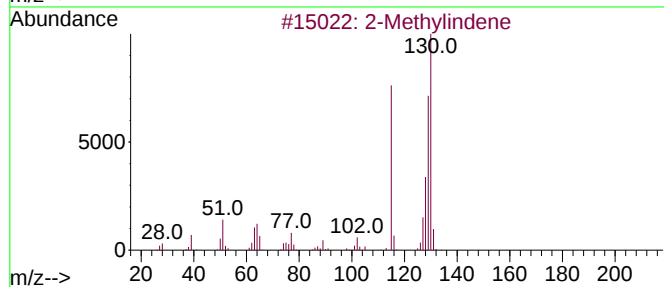
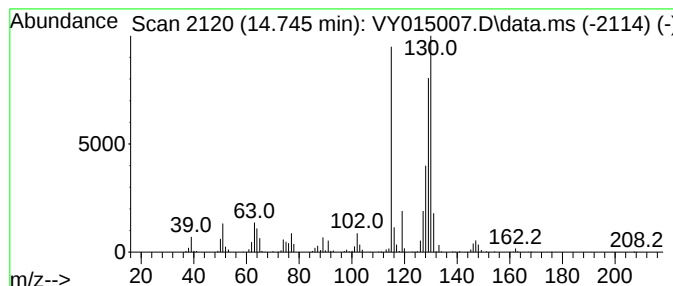
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Quant Title : SW846 8260

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

Peak Number 5 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	28.98 ug/l	745316	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	96
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015007.D
Acq On : 09 Aug 2023 15:54
Operator : SY/MD
Sample : 03945-01
Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z88-90

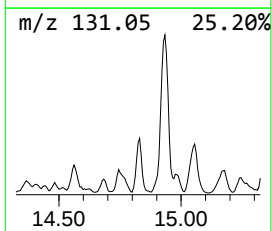
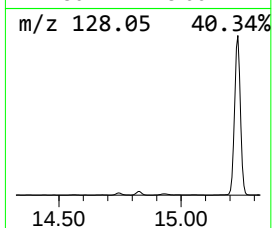
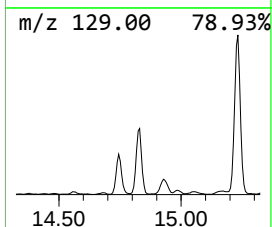
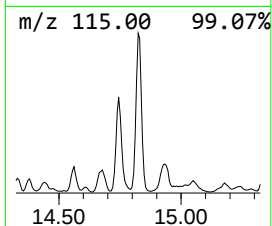
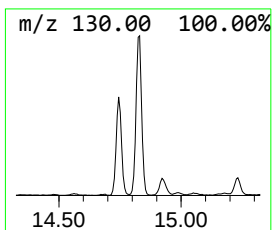
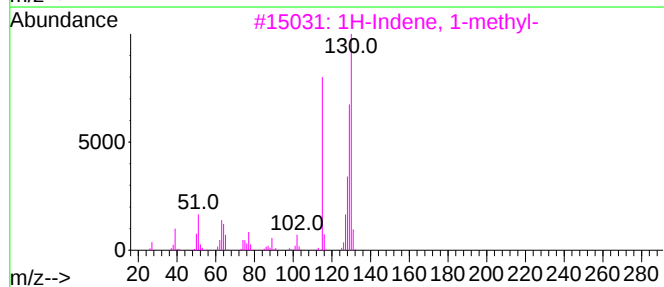
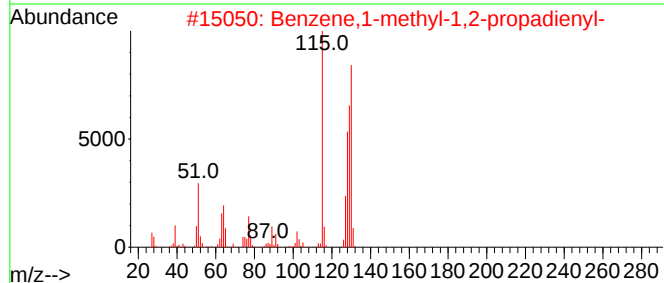
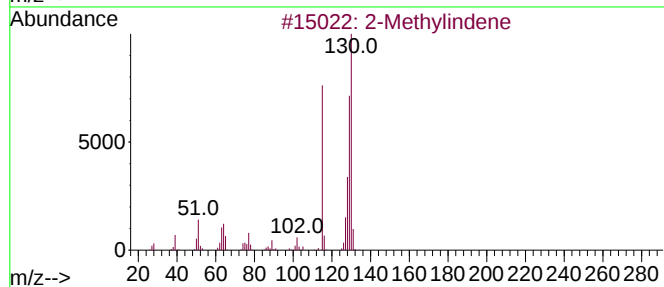
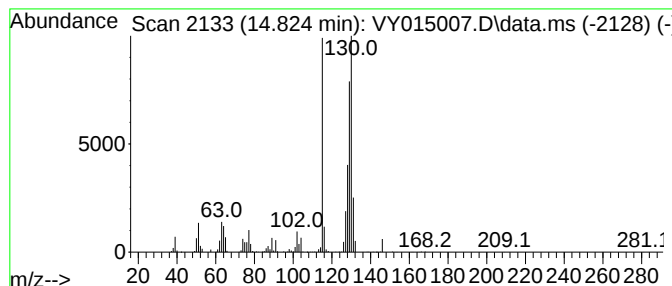
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Quant Title : SW846 8260

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

Peak Number 6 Benzene,1-methyl-1,2-propad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.824	40.36 ug/l	1037930	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	95
2			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5			Benzene, 1-butyryl-	130	C10H10	000622-76-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015007.D
Acq On : 09 Aug 2023 15:54
Operator : SY/MD
Sample : 03945-01
Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z88-90

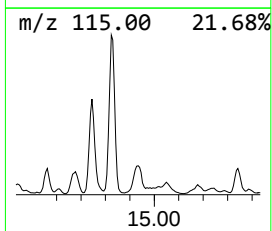
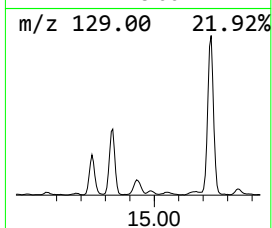
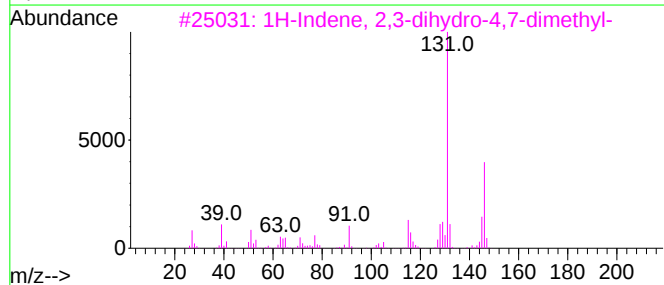
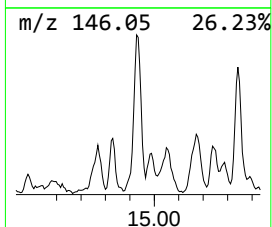
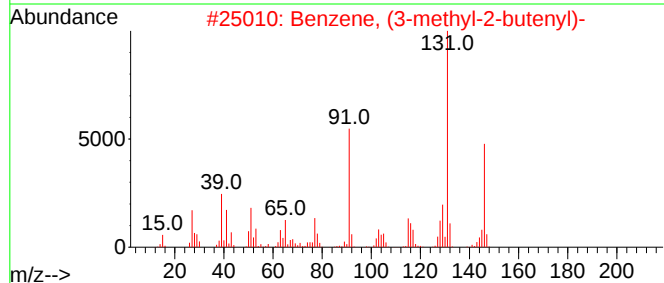
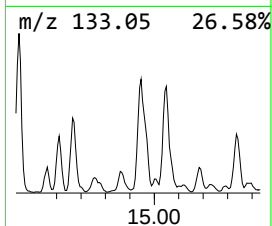
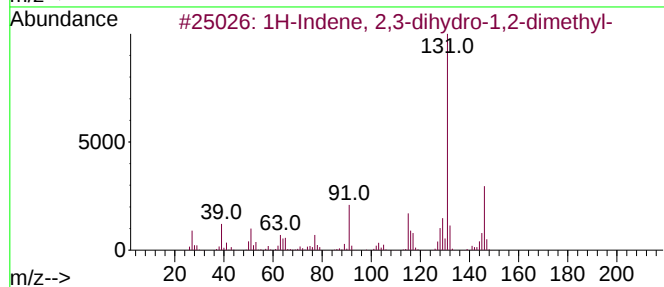
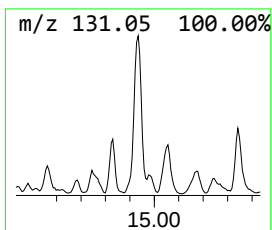
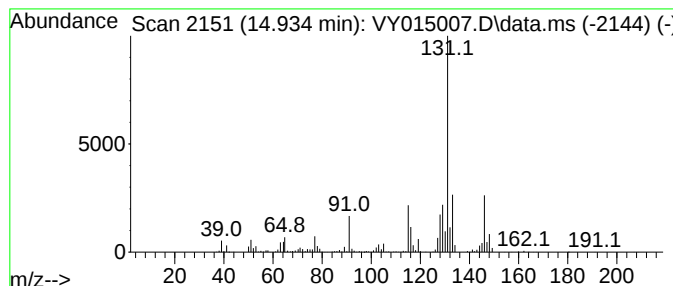
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.934	33.09 ug/l	850858	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015007.D
Acq On : 09 Aug 2023 15:54
Operator : SY/MD
Sample : 03945-01
Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z88-90

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, 1,1'-(...	13.623	87.9	ug/l	2261250	4	13.422	1285850	50.0
Benzene, 1,2-di...	13.666	28.4	ug/l	729732	4	13.422	1285850	50.0
Benzene, 4-ethy...	13.964	29.6	ug/l	761220	4	13.422	1285850	50.0
Benzene, 1-meth...	14.666	32.5	ug/l	835364	4	13.422	1285850	50.0
2-Methylindene	14.745	29.0	ug/l	745316	4	13.422	1285850	50.0
Benzene,1-methy...	14.824	40.4	ug/l	1037930	4	13.422	1285850	50.0
1H-Indene, 2,3-...	14.934	33.1	ug/l	850858	4	13.422	1285850	50.0