

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016164.D
 Acq On : 01 Nov 2023 13:29
 Operator : SY/MD
 Sample : 05102-09
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 67S-SB11-1218-D

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\82Y103123S.M

Title : SW846 8260

Signal : TIC: VY016164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.728	960	969	974	rBV	78858	191621	1.19%	0.234%
2	7.801	974	981	990	rVB	168169	411722	2.56%	0.504%
3	8.154	1027	1039	1053	rVB3	95852	250918	1.56%	0.307%
4	8.703	1119	1129	1141	rBV	267491	575550	3.58%	0.704%
5	9.191	1196	1209	1216	rBV3	66747	196468	1.22%	0.240%
6	10.191	1365	1373	1385	rBV	409777	764816	4.75%	0.935%
7	10.617	1432	1443	1451	rVB5	64758	213916	1.33%	0.262%
8	11.288	1545	1553	1557	rBV2	90339	188525	1.17%	0.231%
9	11.501	1582	1588	1598	rVV	356895	607109	3.77%	0.742%
10	11.599	1599	1604	1613	rBV	160339	286703	1.78%	0.351%
11	12.489	1746	1750	1755	rBV2	286046	435220	2.71%	0.532%
12	12.678	1774	1781	1786	rBV	261506	403943	2.51%	0.494%
13	12.818	1793	1804	1809	rBV3	156765	393711	2.45%	0.481%
14	12.977	1823	1830	1835	rBV	168240	315822	1.96%	0.386%
15	13.129	1848	1855	1859	rBV2	95229	172678	1.07%	0.211%
16	13.434	1898	1905	1908	rVV	371175	645662	4.01%	0.790%
17	13.465	1908	1910	1914	rVB	278079	335560	2.09%	0.410%
18	13.599	1925	1932	1934	rBV	320937	464729	2.89%	0.568%
19	13.635	1934	1938	1942	rVV	949270	1315841	8.18%	1.609%
20	13.763	1954	1959	1963	rBV2	117000	197780	1.23%	0.242%
21	13.830	1963	1970	1974	rVV2	105297	212789	1.32%	0.260%
22	13.891	1975	1980	1989	rVV	388961	664534	4.13%	0.813%
23	13.977	1989	1994	1999	rVV	1354565	2042711	12.70%	2.498%
24	14.038	1999	2004	2008	rVV	290265	464884	2.89%	0.569%
25	14.086	2008	2012	2018	rVB	1223963	1857351	11.55%	2.271%
26	14.227	2029	2035	2040	rBV4	160374	412704	2.57%	0.505%
27	14.306	2041	2048	2051	rVV	1091372	1922278	11.95%	2.351%
28	14.342	2051	2054	2058	rVV	871063	1184867	7.37%	1.449%
29	14.391	2058	2062	2065	rVV	421580	602992	3.75%	0.737%
30	14.428	2065	2068	2072	rVB2	172513	235093	1.46%	0.288%
31	14.531	2080	2085	2087	rBV	219528	284250	1.77%	0.348%
32	14.574	2087	2092	2097	rVV	1634593	2497997	15.53%	3.055%
33	14.623	2097	2100	2104	rVB	312136	426565	2.65%	0.522%
34	14.690	2104	2111	2117	rBV3	2835225	5596616	34.79%	6.844%
35	14.745	2117	2120	2126	rVB3	556004	992171	6.17%	1.213%
36	14.842	2132	2136	2139	rBV	251676	348817	2.17%	0.427%

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37	14.915	2144	2148	2149	rBV	435501	559329	3.48%	0.684%
38	14.952	2149	2154	2158	rVV2	1710944	3445663	21.42%	4.214%
39	14.989	2158	2160	2165	rVV	778943	1063102	6.61%	1.300%
40	15.062	2165	2172	2182	rVB2	1486497	3234182	20.10%	3.955%
41	15.147	2183	2186	2191	rVB5	166750	260912	1.62%	0.319%
42	15.214	2191	2197	2202	rBV3	500425	1015805	6.31%	1.242%
43	15.300	2207	2211	2214	rBV3	171114	264814	1.65%	0.324%
44	15.354	2214	2220	2224	rBV	872095	1478817	9.19%	1.808%
45	15.403	2224	2228	2232	rBV	481793	721490	4.48%	0.882%
46	15.537	2243	2250	2256	rBV	1576592	3161725	19.65%	3.867%
47	15.610	2258	2262	2267	rVB2	292203	526595	3.27%	0.644%
48	15.702	2267	2277	2286	rBV3	1019647	3764530	23.40%	4.604%
49	15.824	2292	2297	2302	rBV4	722780	1275963	7.93%	1.560%
50	15.891	2302	2308	2315	rVV4	1212334	2858274	17.77%	3.495%
51	16.043	2326	2333	2337	rBV3	585630	1310914	8.15%	1.603%
52	16.092	2337	2341	2349	rVB4	399113	953741	5.93%	1.166%
53	16.165	2349	2353	2356	rBV3	287819	461053	2.87%	0.564%
54	16.208	2357	2360	2363	rBV3	222270	365416	2.27%	0.447%
55	16.305	2369	2376	2388	rVB	7838882	16086962	100.00%	19.673%
56	16.501	2400	2408	2421	rVB	4780418	10378281	64.51%	12.692%
57	16.604	2422	2425	2430	rBV4	91715	182118	1.13%	0.223%
58	16.714	2439	2443	2448	rVB4	162363	286768	1.78%	0.351%

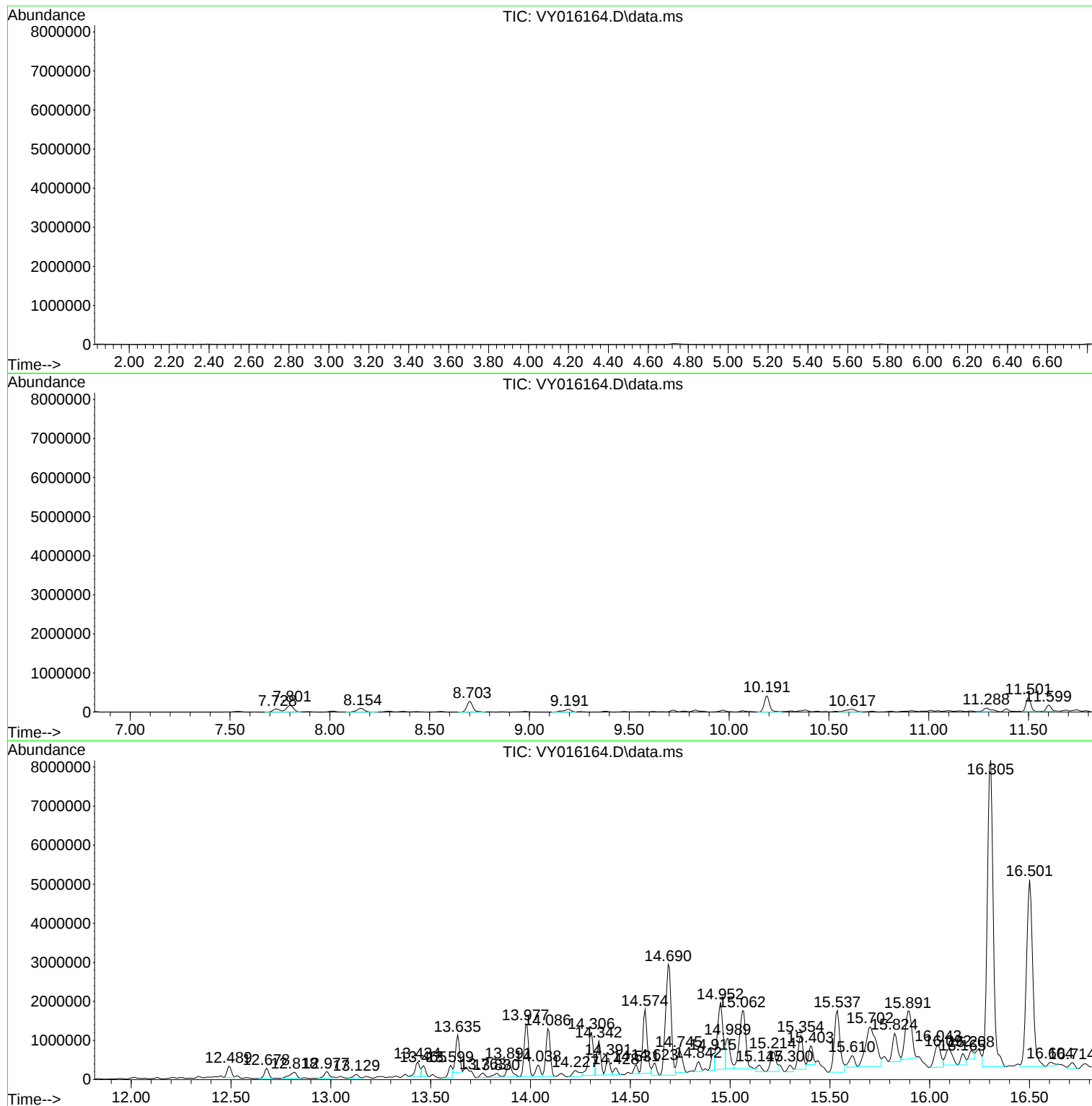
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TIC Integration Parameters: LSCINT.P



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67S-SB11-1218-D

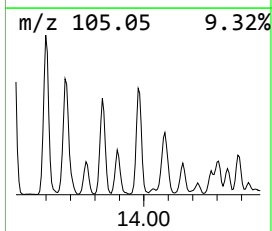
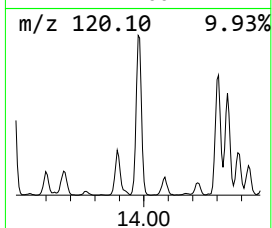
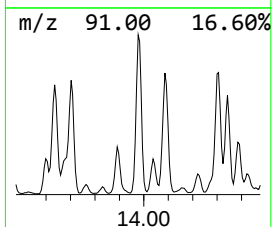
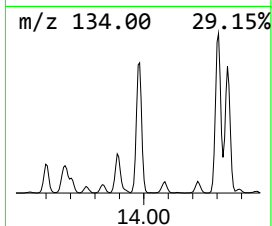
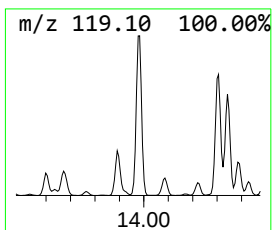
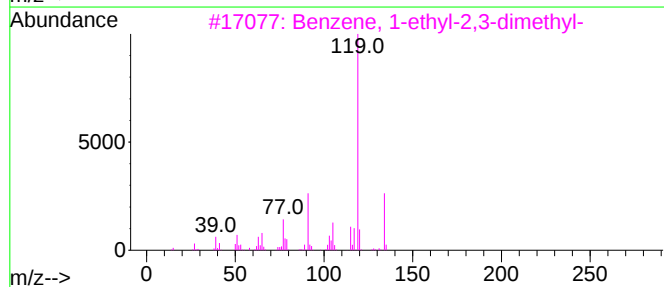
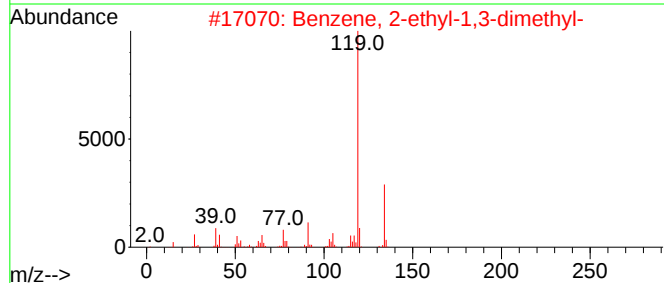
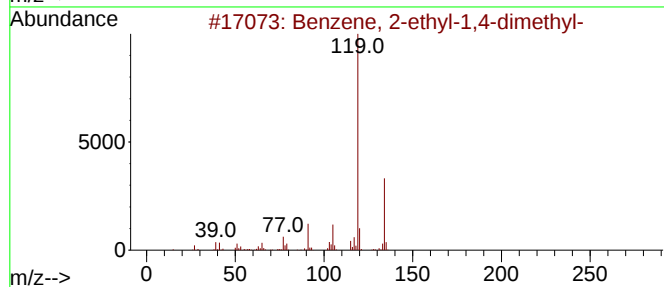
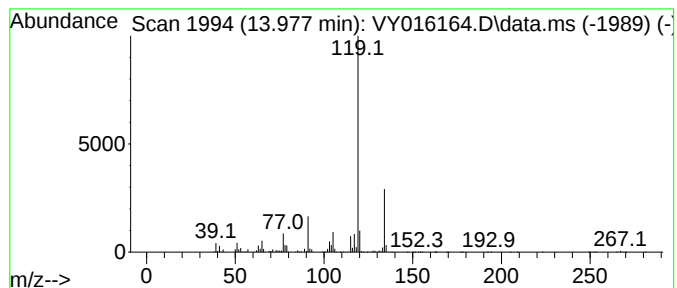
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	158.19 ug/l	2042710	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



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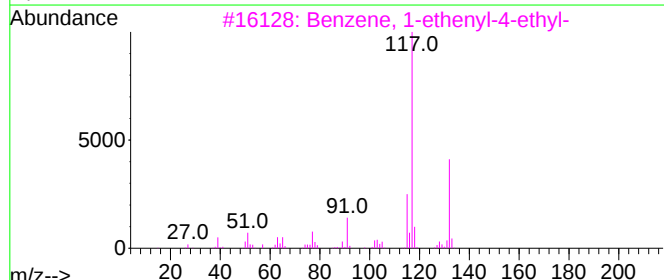
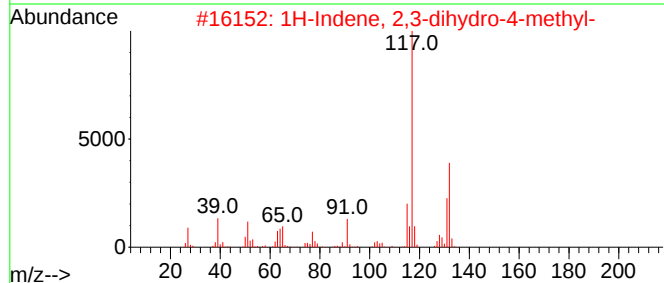
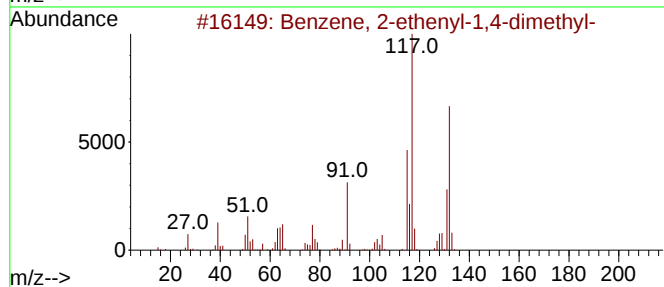
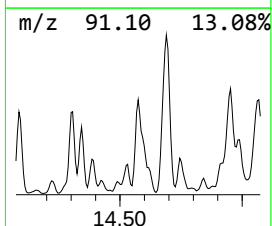
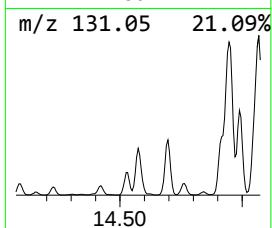
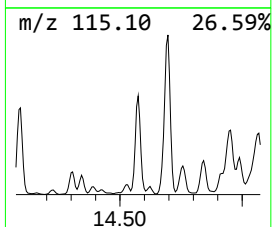
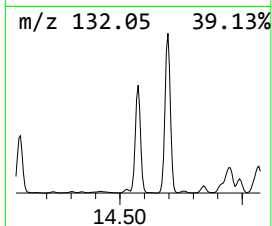
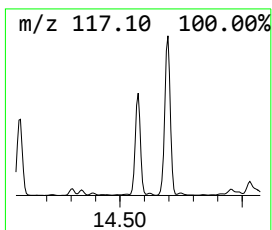
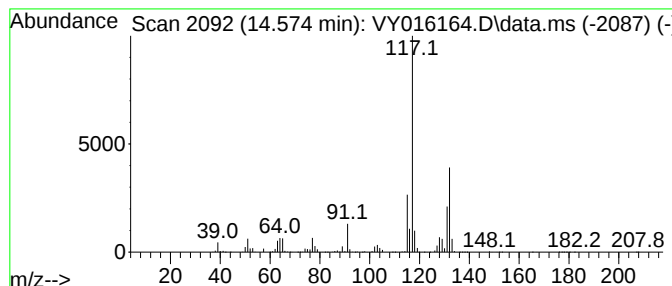
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	193.44 ug/l	2498000	1,4-Dichlorobenzene-d4	13.434

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	93
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90



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ALS Vial : 9 Sample Multiplier: 1

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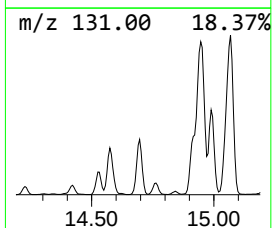
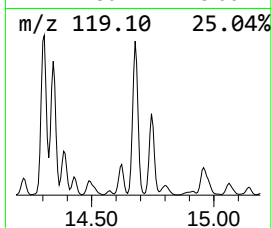
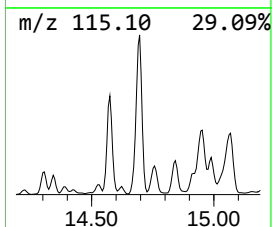
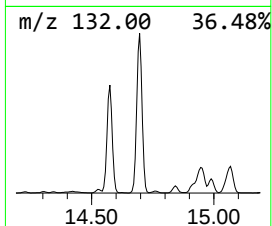
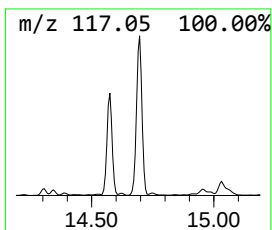
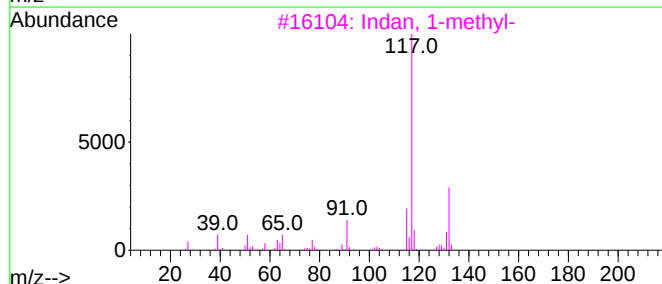
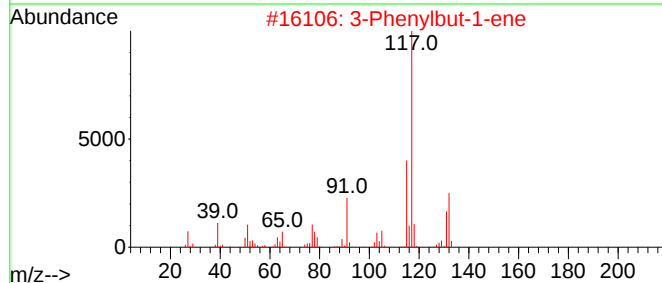
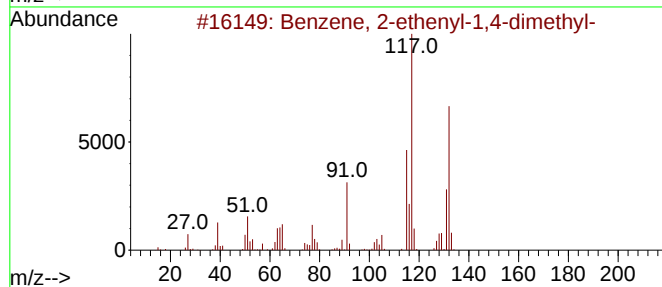
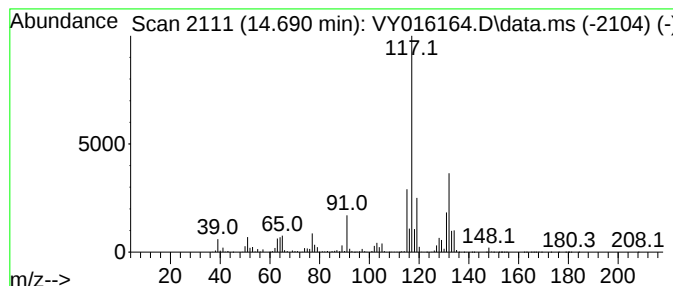
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	433.40 ug/l	5596620	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3			Indan, 1-methyl-	132	C10H12	000767-58-8	81
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	81



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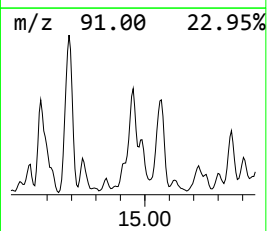
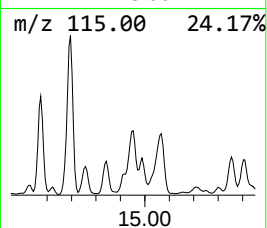
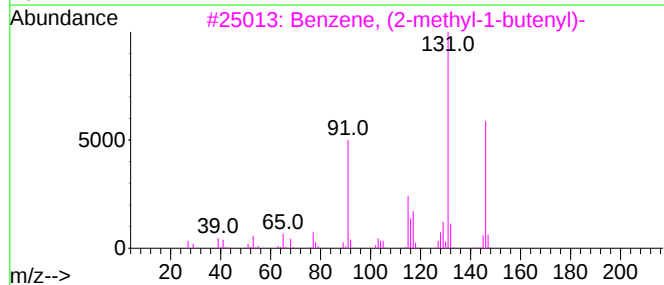
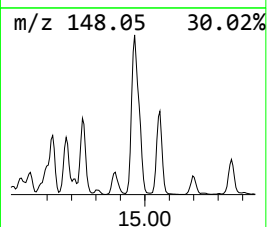
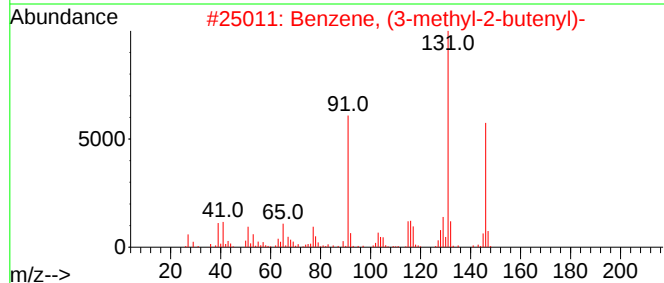
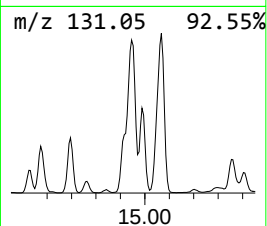
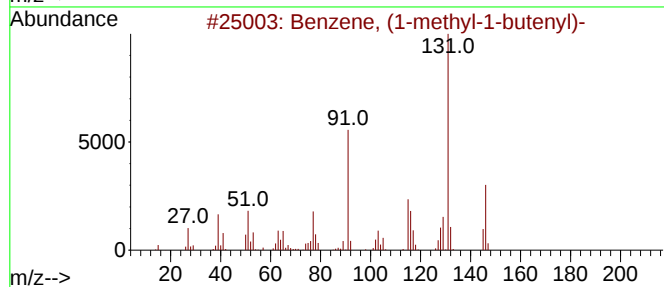
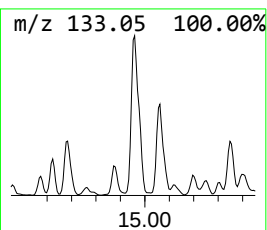
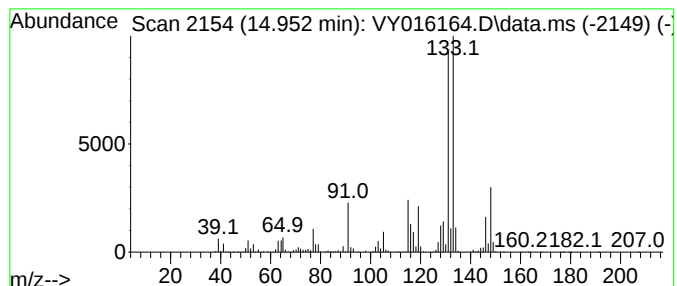
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	266.83 ug/l	3445660	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	62
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50



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ClientSampleId :
67S-SB11-1218-D

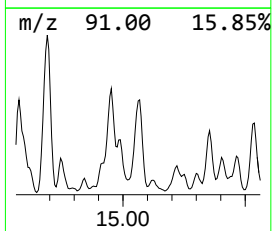
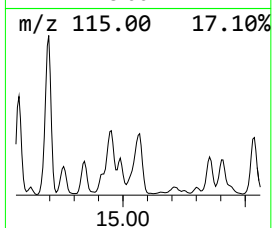
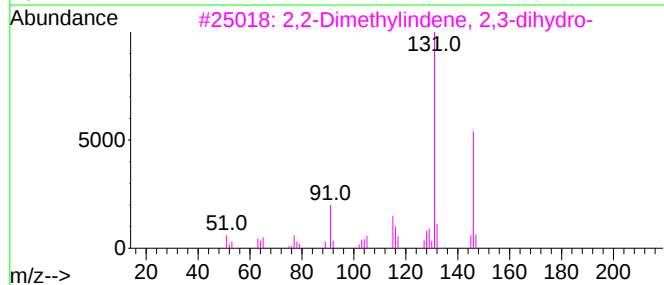
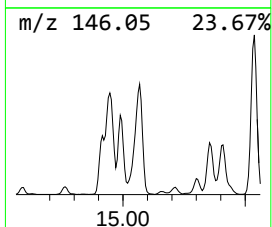
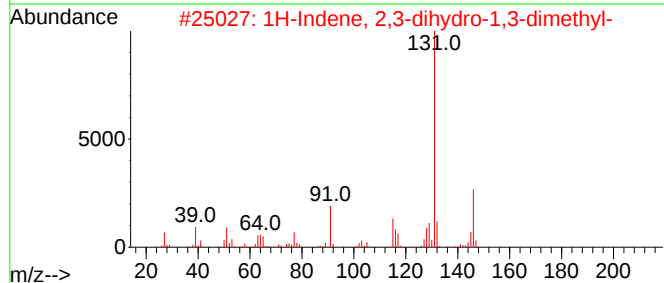
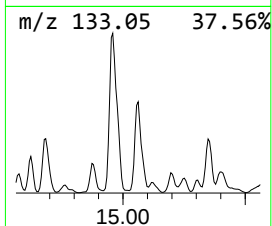
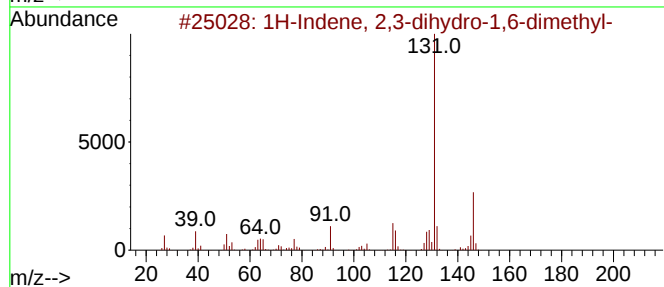
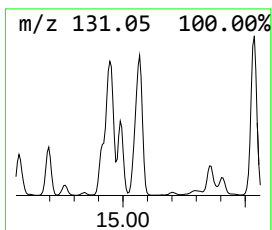
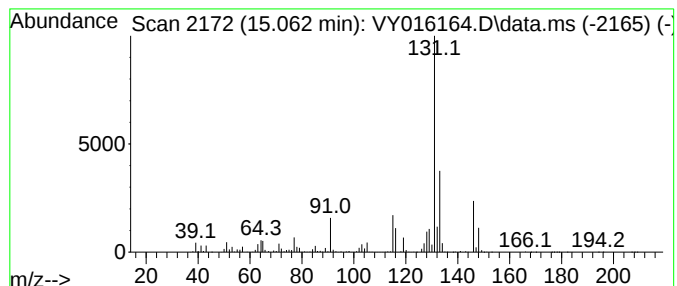
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	250.46 ug/l	3234180	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016164.D
Acq On : 01 Nov 2023 13:29
Operator : SY/MD
Sample : 05102-09
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB11-1218-D

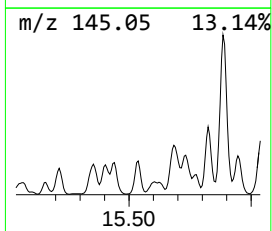
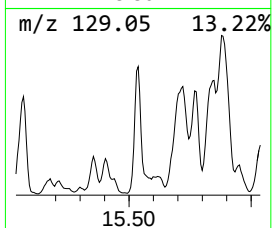
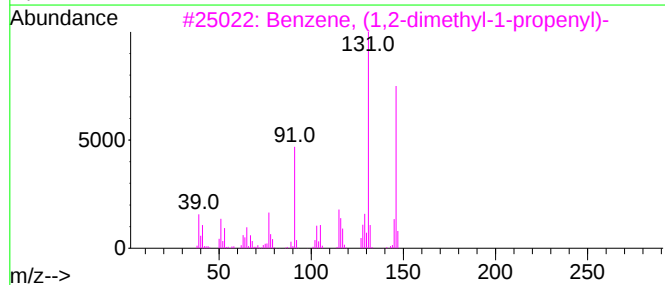
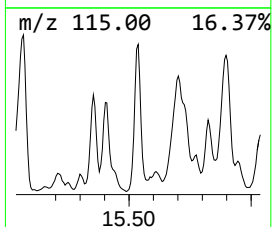
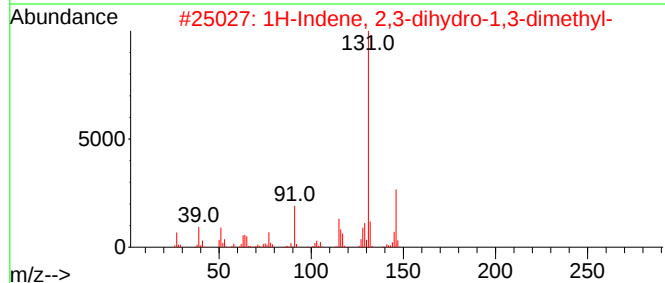
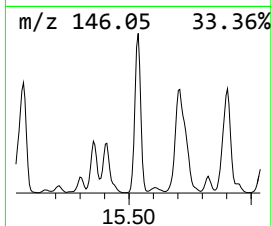
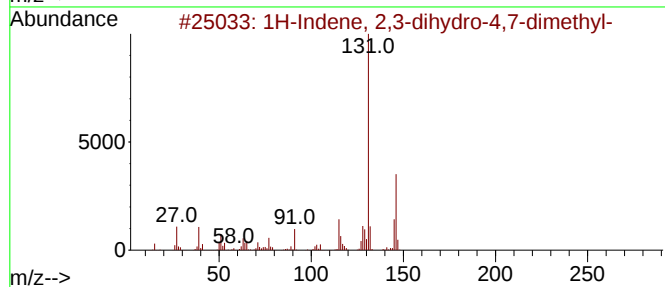
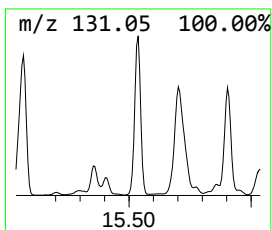
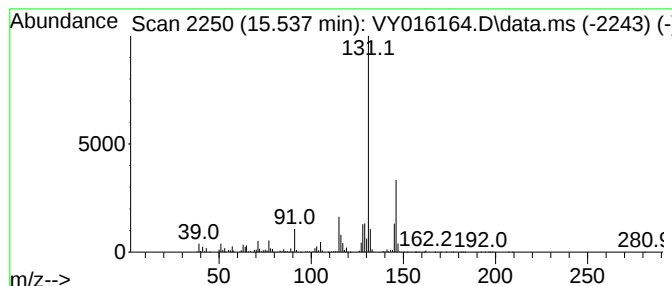
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.537	244.84 ug/l	3161730	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97		
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94		
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94		
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91		
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016164.D
Acq On : 01 Nov 2023 13:29
Operator : SY/MD
Sample : 05102-09
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB11-1218-D

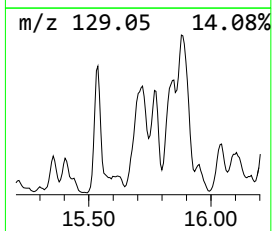
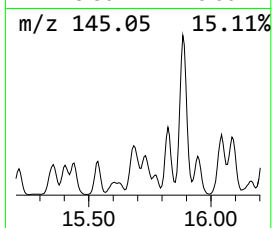
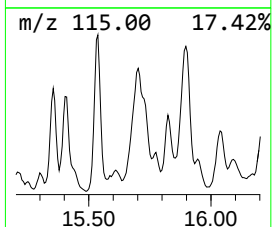
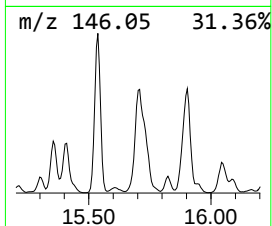
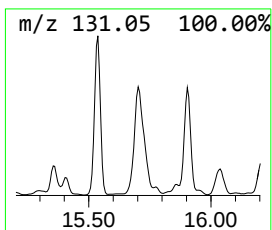
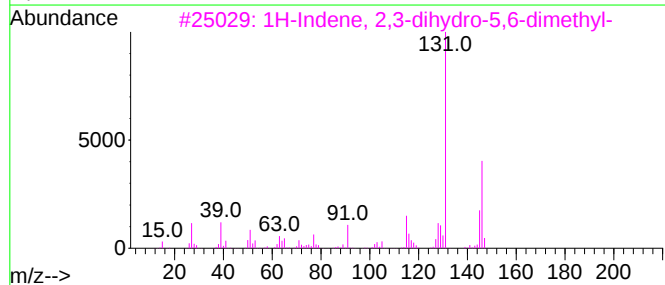
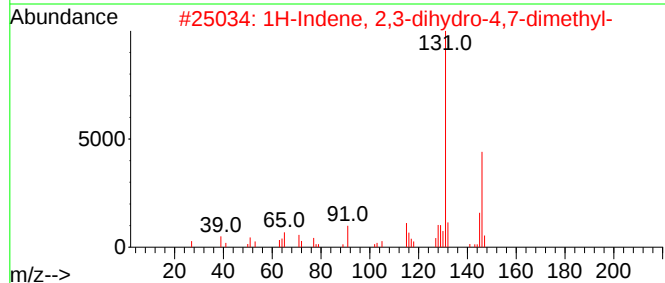
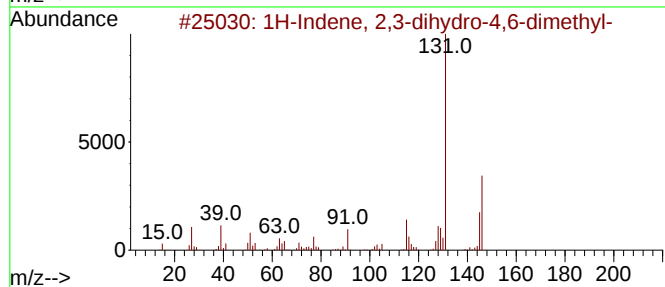
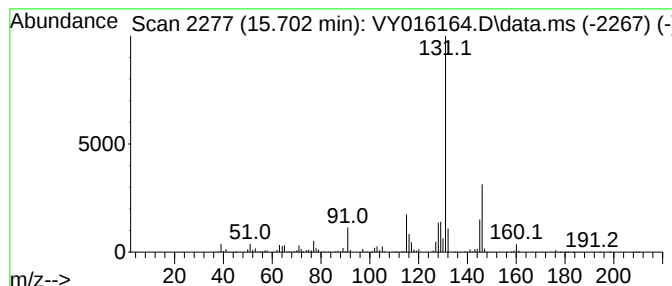
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.702	291.52 ug/l	3764530	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94		
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91		
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90		
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016164.D
Acq On : 01 Nov 2023 13:29
Operator : SY/MD
Sample : 05102-09
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB11-1218-D

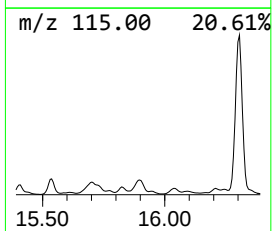
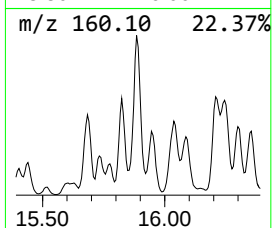
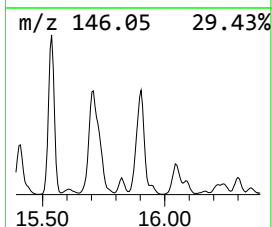
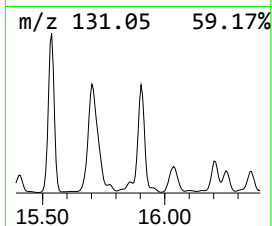
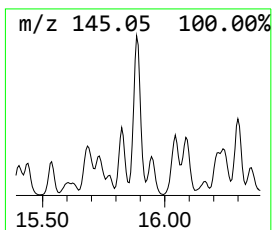
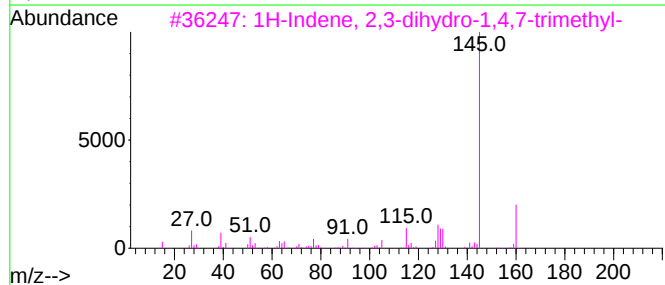
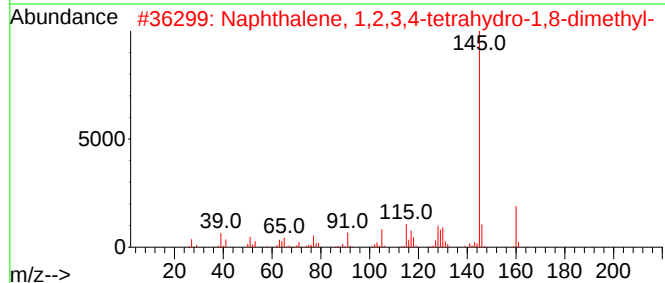
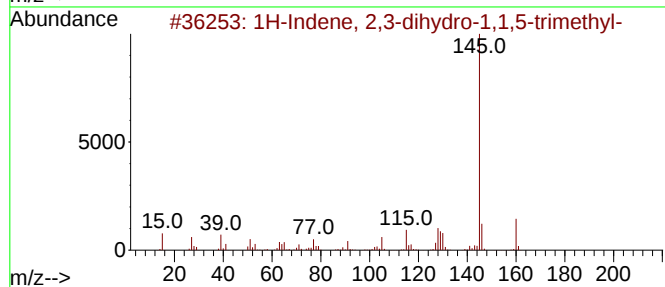
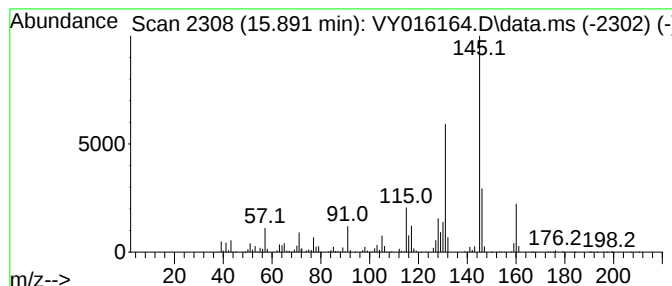
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.891	221.34 ug/l	2858270	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76		
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	76		
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	70		
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64		
5	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	53		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016164.D
Acq On : 01 Nov 2023 13:29
Operator : SY/MD
Sample : 05102-09
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB11-1218-D

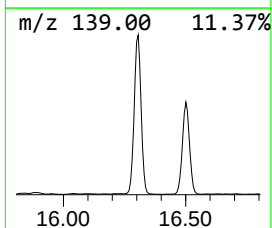
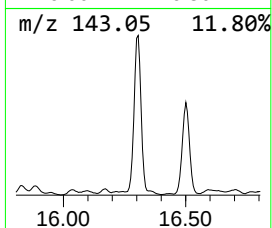
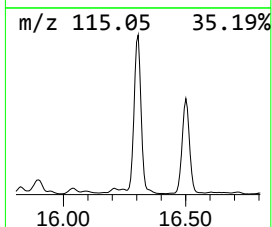
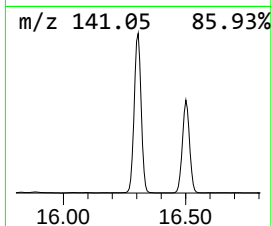
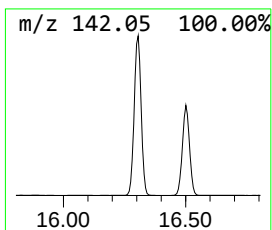
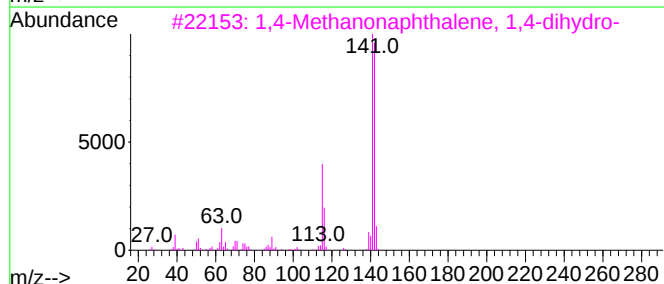
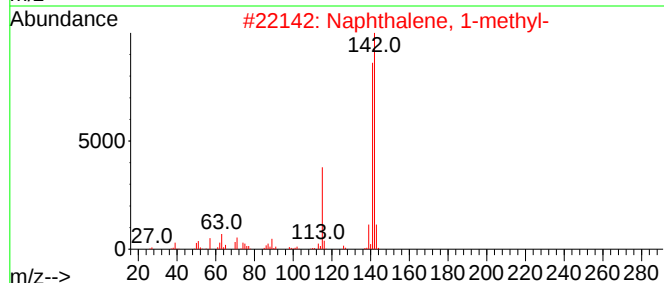
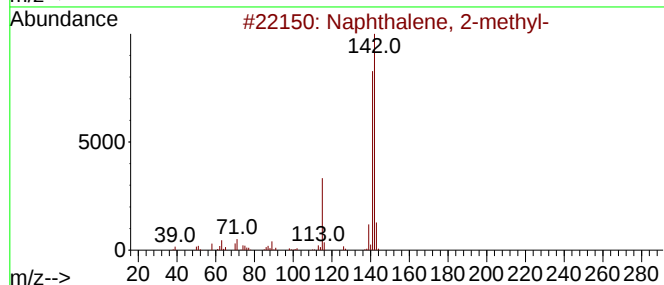
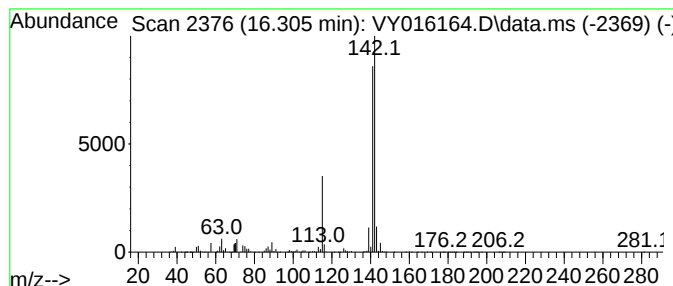
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.305	1245.77 ug/l	16087000	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016164.D
Acq On : 01 Nov 2023 13:29
Operator : SY/MD
Sample : 05102-09
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB11-1218-D

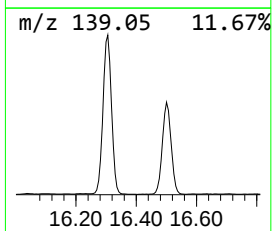
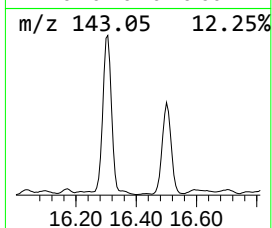
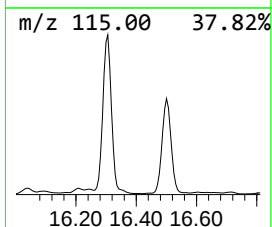
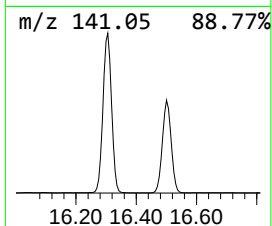
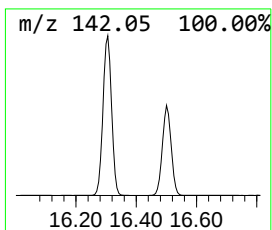
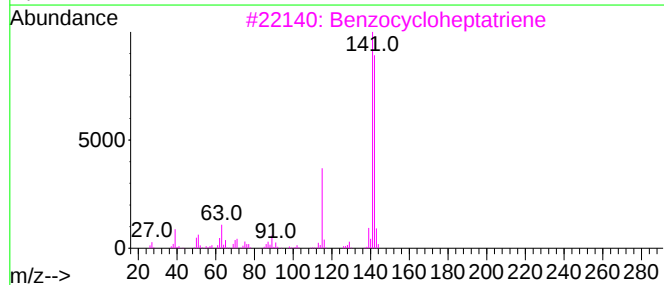
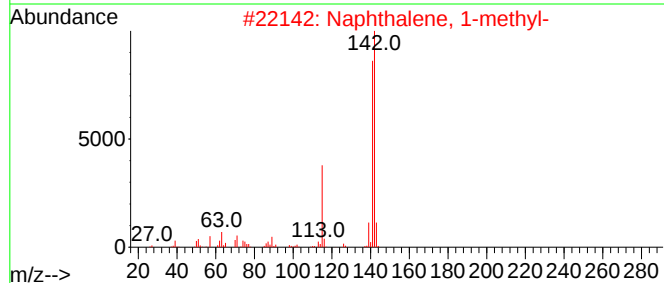
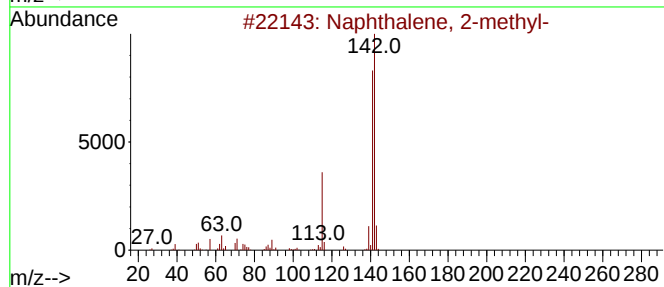
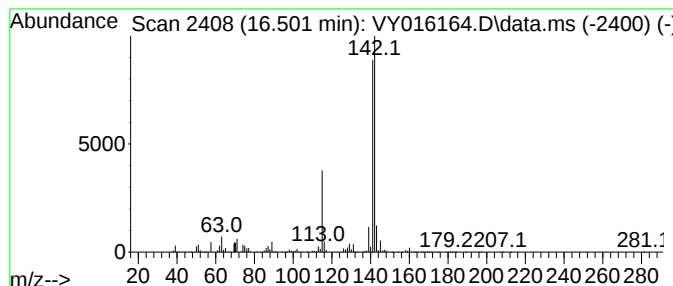
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	803.69 ug/l	10378300	1,4-Dichlorobenzene-d4	13.434

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016164.D
Acq On : 01 Nov 2023 13:29
Operator : SY/MD
Sample : 05102-09
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB11-1218-D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.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, 2-ethy...	13.977	158.2	ug/l	2042710	4	13.434	645662	50.0
Benzene, 2-ethe...	14.574	193.4	ug/l	2498000	4	13.434	645662	50.0
3-Phenylbut-1-ene	14.690	433.4	ug/l	5596620	4	13.434	645662	50.0
Benzene, (1-met...	14.952	266.8	ug/l	3445660	4	13.434	645662	50.0
1H-Indene, 2,3-...	15.062	250.5	ug/l	3234180	4	13.434	645662	50.0
1H-Indene, 2,3-...	15.537	244.8	ug/l	3161730	4	13.434	645662	50.0
1H-Indene, 2,3-...	15.702	291.5	ug/l	3764530	4	13.434	645662	50.0
1H-Indene, 2,3-...	15.891	221.3	ug/l	2858270	4	13.434	645662	50.0
Naphthalene, 2-...	16.305	1245.8	ug/l	16087000	4	13.434	645662	50.0
Naphthalene, 1-...	16.501	803.7	ug/l	10378300	4	13.434	645662	50.0