

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007939.D
 Acq On : 19 Mar 2022 07:07
 Operator : SY/MD
 Sample : N1983-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

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\82Y031722S.M
 Title : SW846 8260

Signal : TIC: VY007939.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.125	44	50	51	rBV5	3427	5786	1.22%	0.144%
2	2.241	67	69	75	rVB4	4810	7155	1.50%	0.178%
3	4.716	472	475	486	rVB9	4244	10897	2.29%	0.271%
4	7.716	958	967	973	rBV2	62910	147547	31.01%	3.675%
5	7.789	973	979	988	rVB	107617	240792	50.61%	5.997%
6	8.143	1027	1037	1046	rBV	65309	147854	31.08%	3.682%
7	8.691	1118	1127	1135	rBV	164648	329198	69.19%	8.199%
8	10.179	1364	1371	1379	rBV	268733	455826	95.81%	11.353%
9	10.581	1433	1437	1443	rVB5	3639	6339	1.33%	0.158%
10	11.490	1579	1586	1594	rVB	239130	387767	81.50%	9.658%
11	12.337	1719	1725	1733	rVB	59509	99903	21.00%	2.488%
12	12.483	1742	1749	1755	rVB	180126	294714	61.94%	7.340%
13	12.587	1761	1766	1769	rBV7	3233	5334	1.12%	0.133%
14	12.648	1770	1776	1783	rVB7	3425	9711	2.04%	0.242%
15	12.892	1812	1816	1822	rBV7	3718	6293	1.32%	0.157%
16	13.117	1850	1853	1858	rVB	9564	14320	3.01%	0.357%
17	13.337	1882	1889	1897	rBV5	31462	68873	14.48%	1.715%
18	13.422	1897	1903	1916	rVB	228491	371829	78.15%	9.261%
19	13.623	1932	1936	1940	rVV	23425	41434	8.71%	1.032%
20	13.666	1940	1943	1950	rVB3	11596	20862	4.38%	0.520%
21	13.879	1974	1978	1982	rBV7	5314	9588	2.02%	0.239%
22	13.916	1982	1984	1987	rVV4	4554	5431	1.14%	0.135%
23	13.971	1989	1993	1999	rVB2	9979	14290	3.00%	0.356%
24	14.026	1999	2002	2007	rBV6	3769	6321	1.33%	0.157%
25	14.081	2007	2011	2017	rBV2	16004	24510	5.15%	0.610%
26	14.270	2037	2042	2043	rBV4	7313	10900	2.29%	0.271%
27	14.294	2043	2046	2050	rVV4	11466	24516	5.15%	0.611%
28	14.337	2050	2053	2056	rVV	13905	18699	3.93%	0.466%
29	14.379	2056	2060	2064	rVB7	6584	9850	2.07%	0.245%
30	14.562	2086	2090	2096	rBV	24171	40220	8.45%	1.002%
31	14.611	2096	2098	2102	rVB5	5160	6815	1.43%	0.170%
32	14.684	2102	2110	2115	rBV2	52274	105635	22.20%	2.631%
33	14.739	2115	2119	2126	rVB9	20789	46657	9.81%	1.162%
34	14.830	2130	2134	2143	rBV3	20333	33470	7.03%	0.834%
35	14.940	2148	2152	2156	rBV5	11084	16915	3.56%	0.421%
36	15.026	2162	2166	2167	rBV4	5102	6320	1.33%	0.157%

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37	15.056	2168	2171	2176	rVB3	12436	21009	4.42%	0.523%
38	15.160	2183	2188	2191	rBV6	7995	15259	3.21%	0.380%
39	15.233	2196	2200	2206	rVB	14052	25906	5.45%	0.645%
40	15.336	2211	2217	2223	rVV6	11371	29916	6.29%	0.745%
41	15.397	2224	2227	2231	rVB5	7929	11300	2.38%	0.281%
42	15.525	2242	2248	2256	rVB2	14824	29512	6.20%	0.735%
43	15.605	2256	2261	2266	rBV8	3946	11004	2.31%	0.274%
44	15.696	2269	2276	2279	rBV4	10203	23426	4.92%	0.583%
45	15.818	2292	2296	2298	rBV4	4364	7512	1.58%	0.187%
46	15.891	2304	2308	2315	rVB4	9319	19654	4.13%	0.489%
47	16.031	2327	2331	2336	rVB7	3595	5071	1.07%	0.126%
48	16.233	2356	2364	2367	rBV5	9821	24462	5.14%	0.609%
49	16.294	2367	2374	2381	rVB	132769	262784	55.23%	6.545%
50	16.489	2398	2406	2418	rVB	228793	475768	100.00%	11.849%

Sum of corrected areas: 4015154

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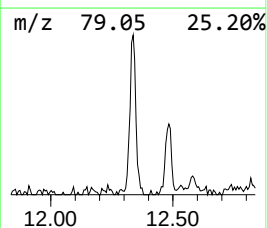
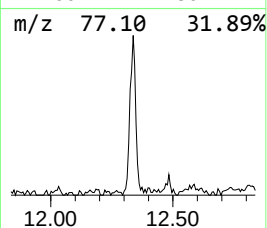
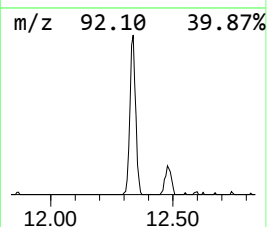
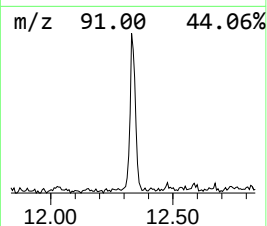
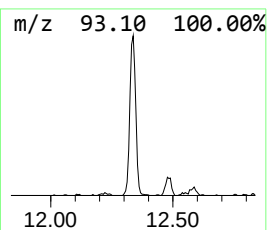
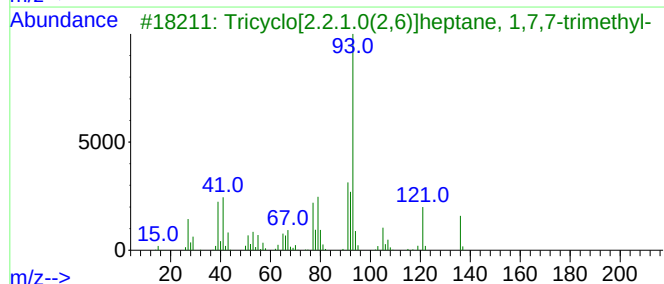
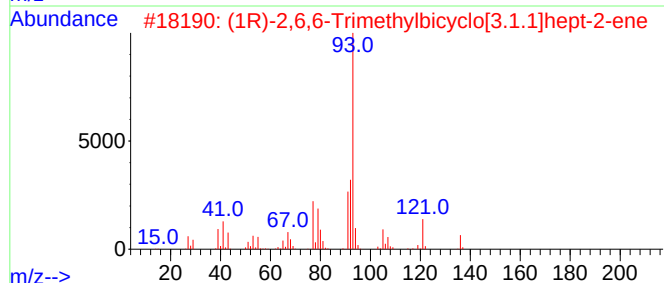
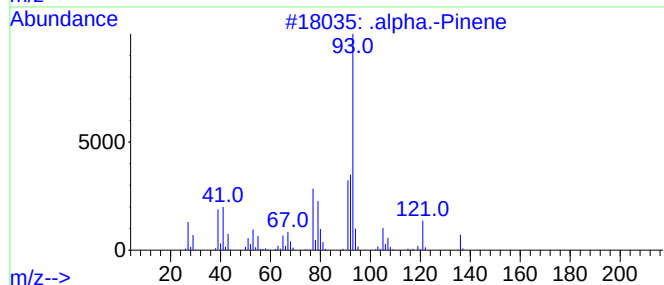
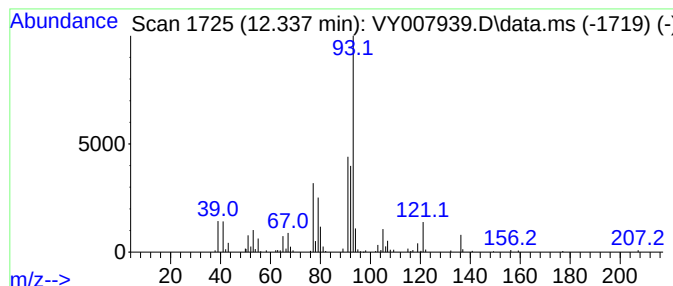
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	12.88 ug/l	99903	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000508-32-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	90
5	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	90



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ClientSampleId :
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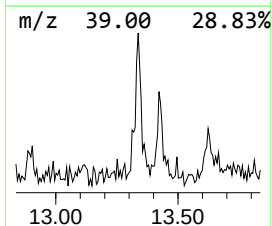
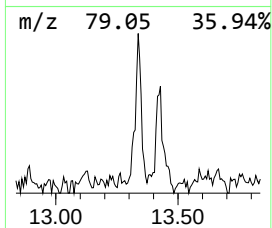
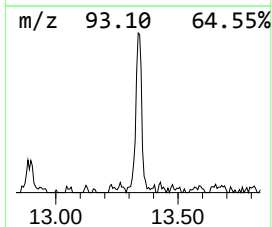
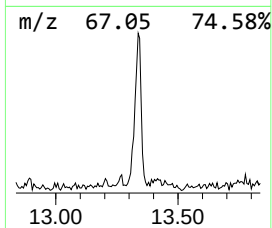
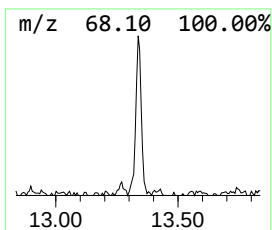
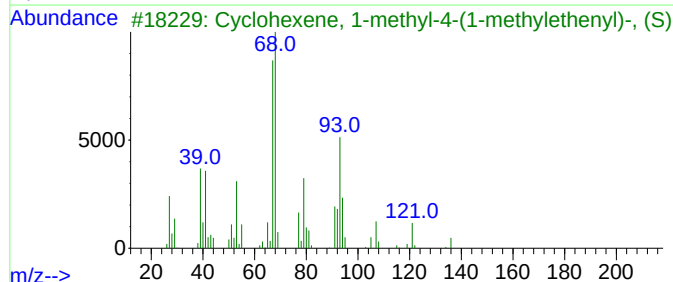
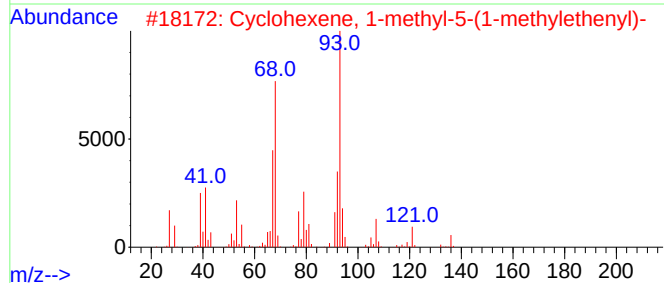
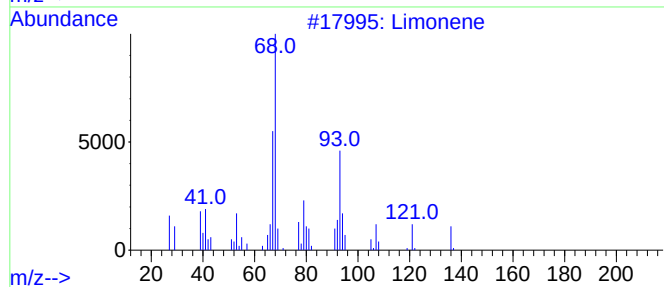
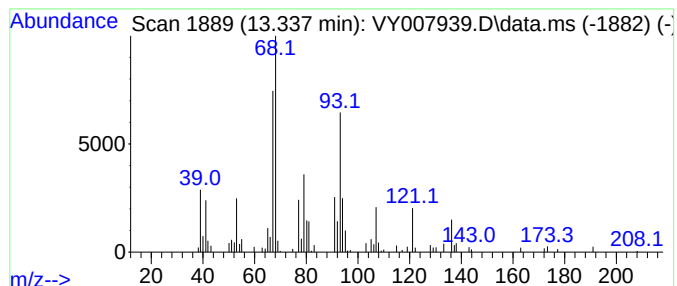
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
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Peak Number 2 Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.337	9.26 ug/l	68873	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Limonene	136	C10H16	000138-86-3	91
2			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	87
4			D-Limonene	136	C10H16	005989-27-5	81
5			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	81



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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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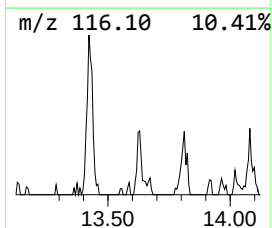
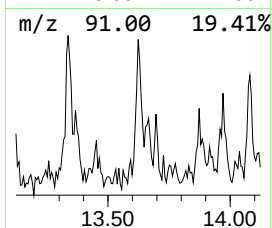
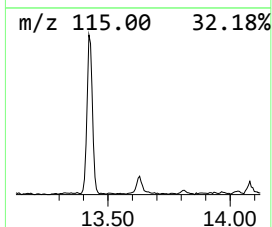
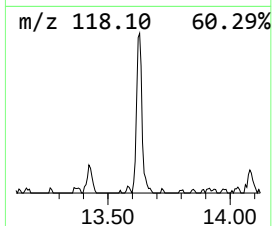
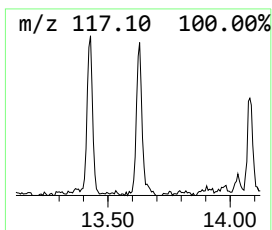
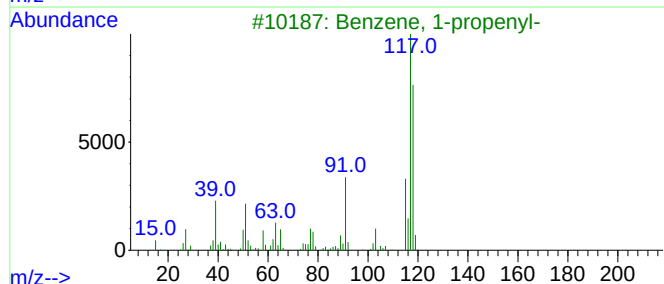
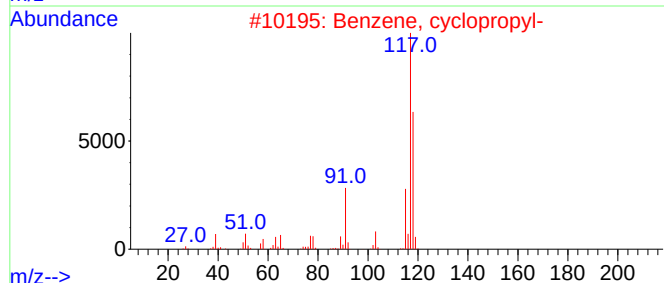
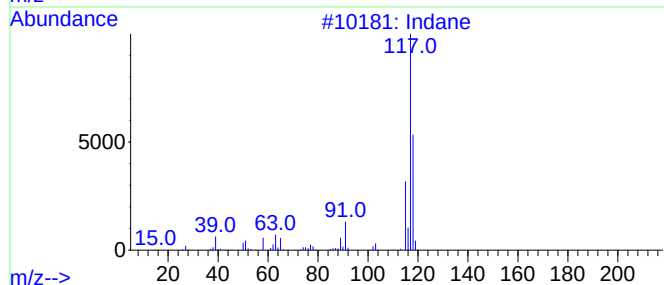
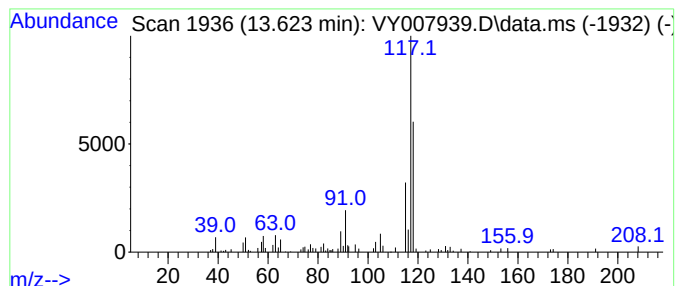
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	5.57 ug/l	41434	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	90
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59



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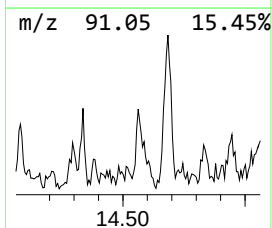
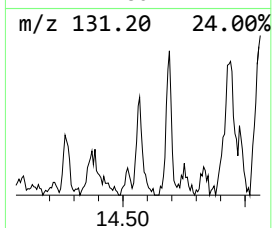
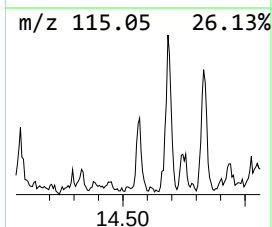
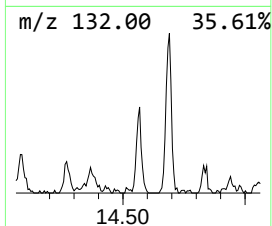
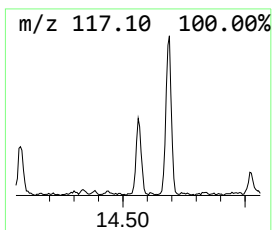
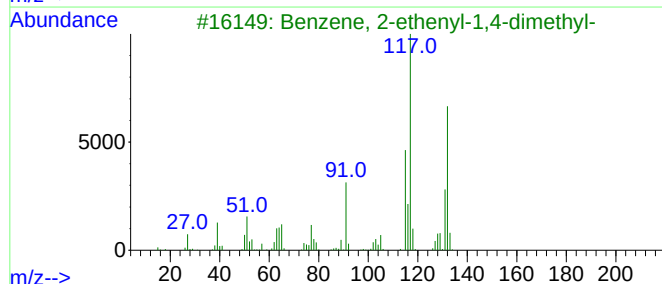
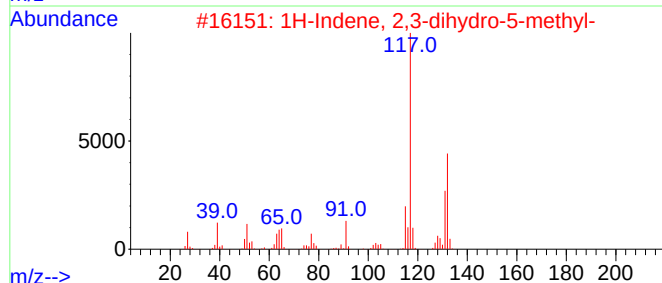
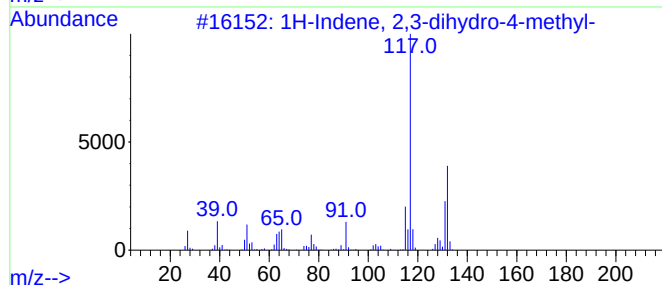
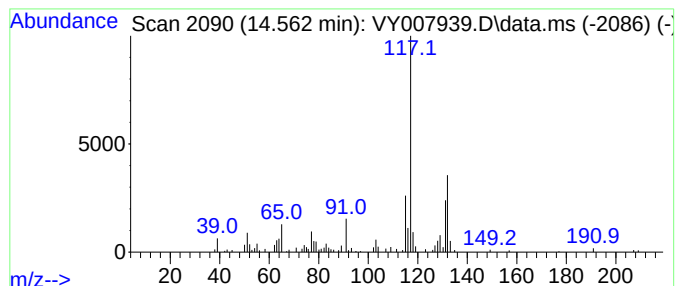
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	5.41 ug/l	40220	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90



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MSVOA_Y
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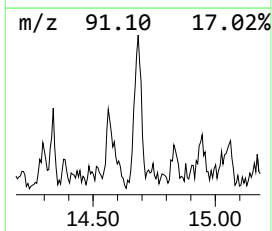
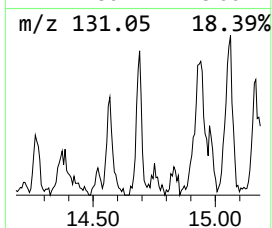
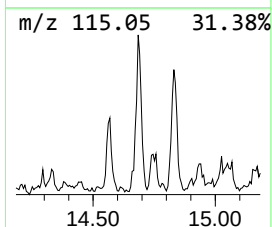
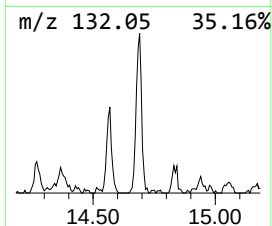
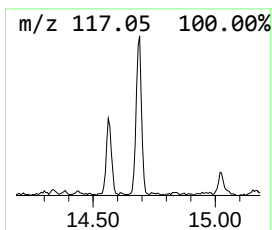
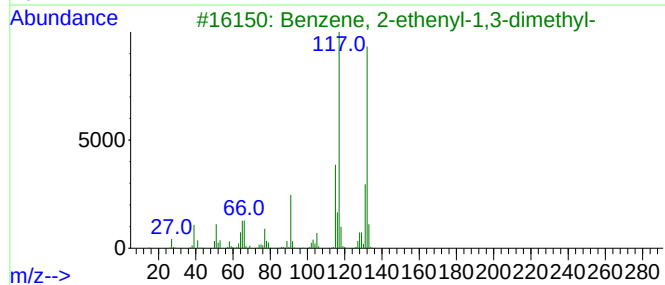
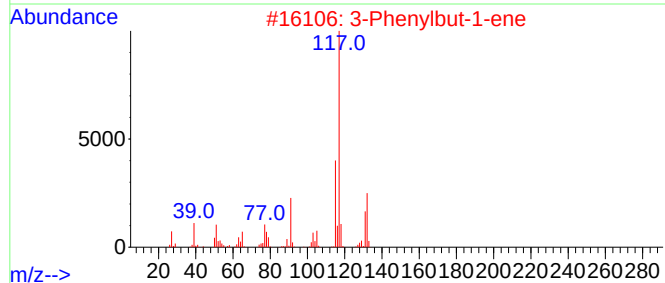
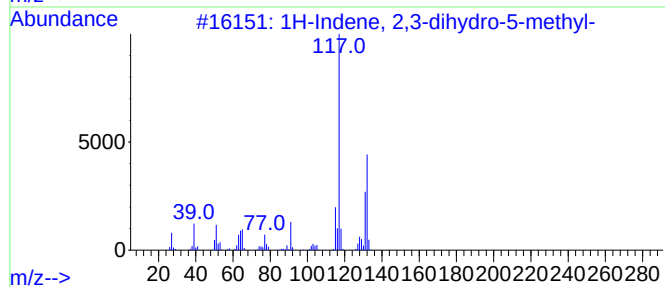
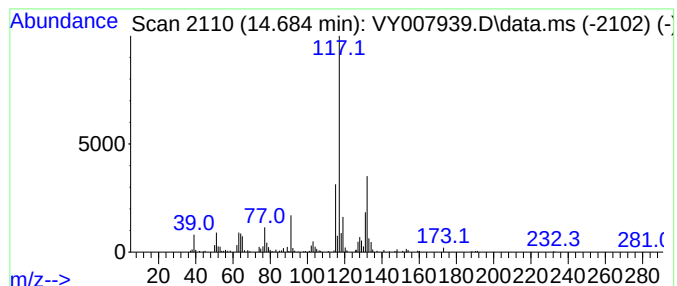
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	14.20 ug/l	105635	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	94
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007939.D
Acq On : 19 Mar 2022 07:07
Operator : SY/MD
Sample : N1983-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

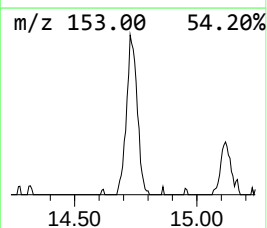
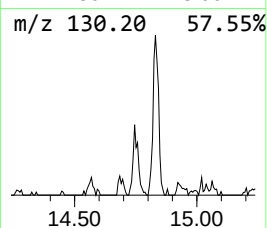
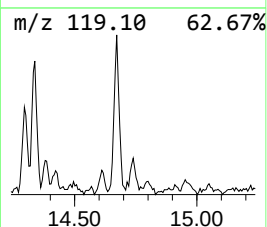
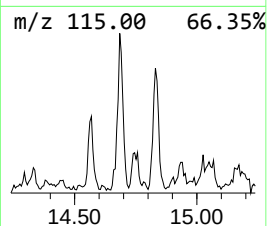
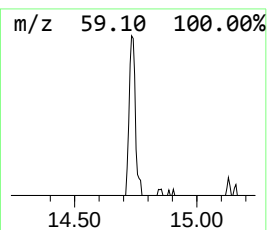
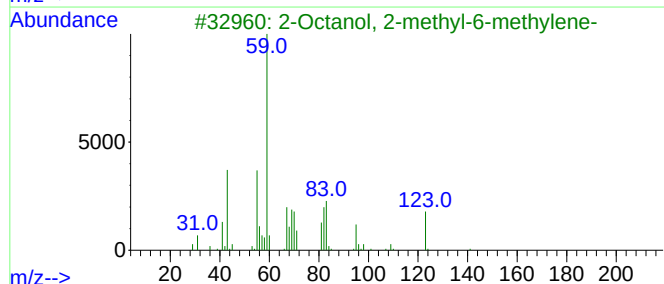
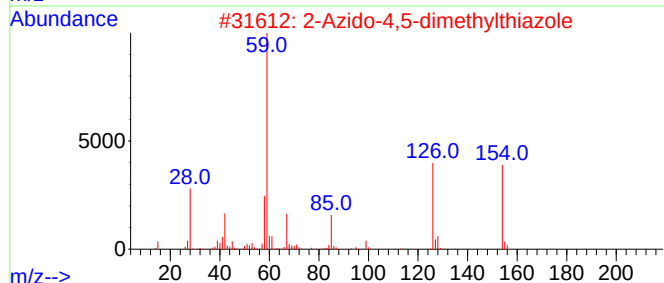
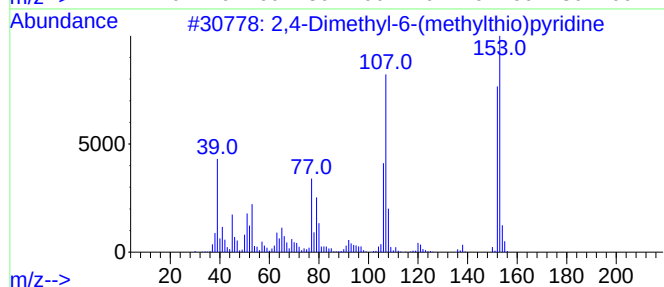
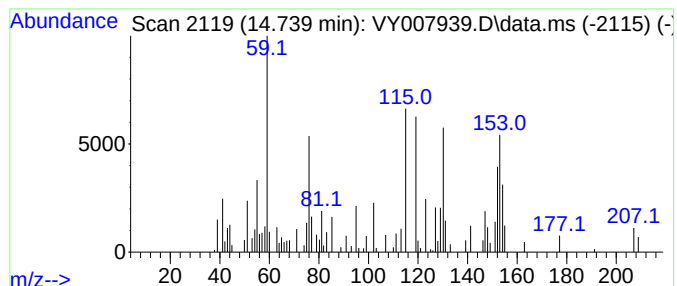
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.739 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	6.27 ug/l	46657	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethyl-6-(methylthio)pyridine	153	C8H11NS	1000305-54-7	11
2			2-Azido-4,5-dimethylthiazole	154	C5H6N4S	010296-41-0	10
3			2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	10
4			Quinoxaline	130	C8H6N2	000091-19-0	10
5			Methyl 2,5-dioxo-1H,6H,7H-cyclop...	207	C10H9N04	1000388-01-3	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007939.D
Acq On : 19 Mar 2022 07:07
Operator : SY/MD
Sample : N1983-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

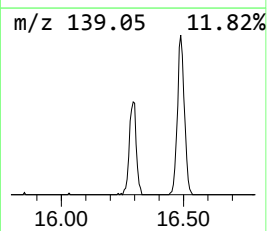
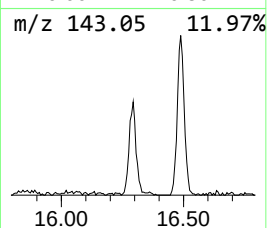
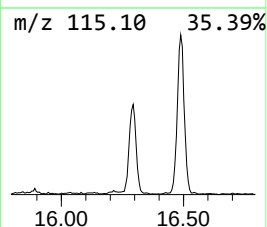
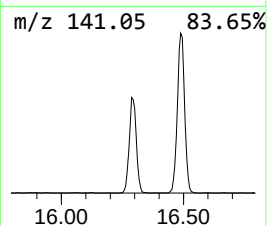
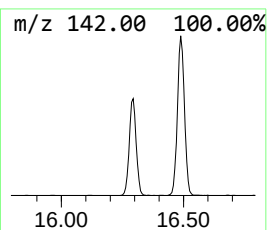
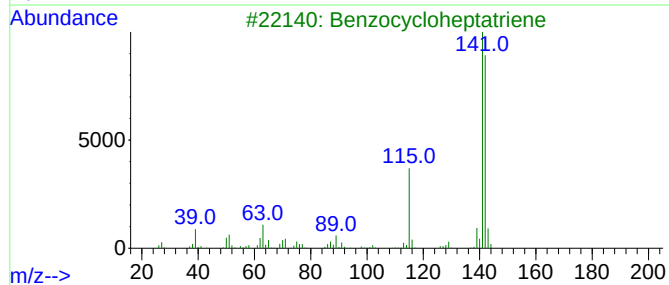
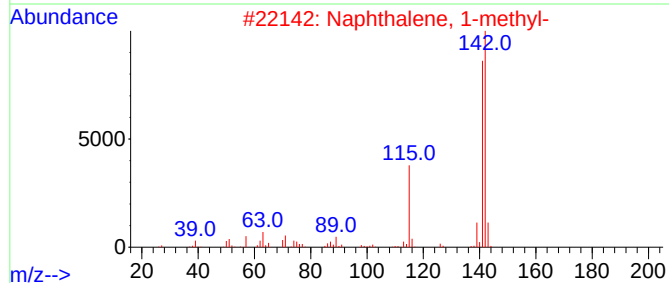
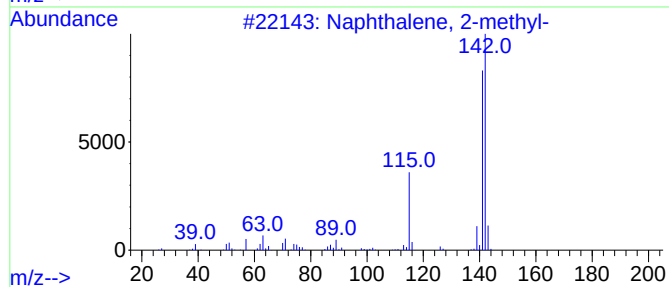
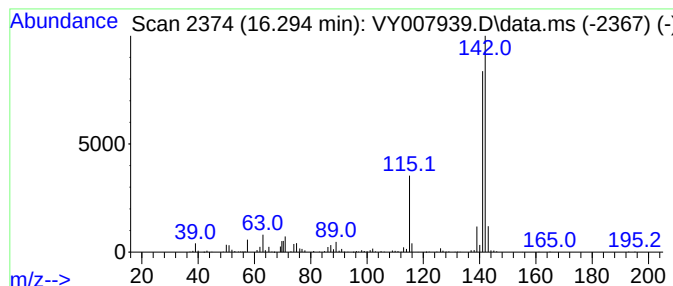
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Quant Title : SW846 8260

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

Peak Number 7 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	35.34 ug/l	262784	1,4-Dichlorobenzene-d4	13.422

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			Spiro(9-methylenetricyclo[6.2.1....	184	C13H12O	033929-47-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007939.D
Acq On : 19 Mar 2022 07:07
Operator : SY/MD
Sample : N1983-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

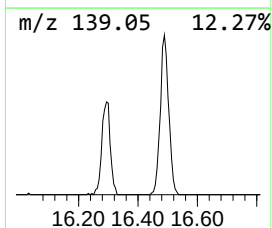
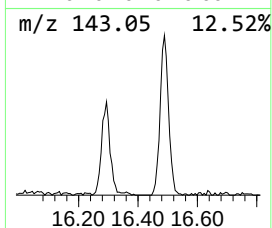
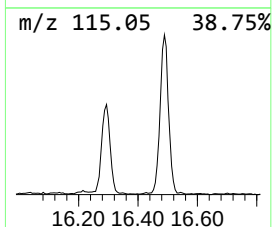
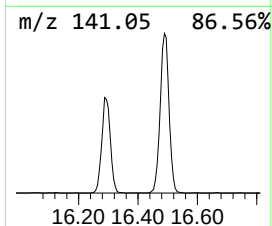
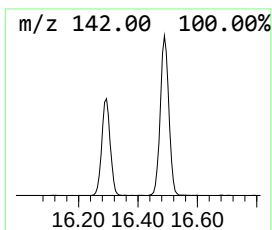
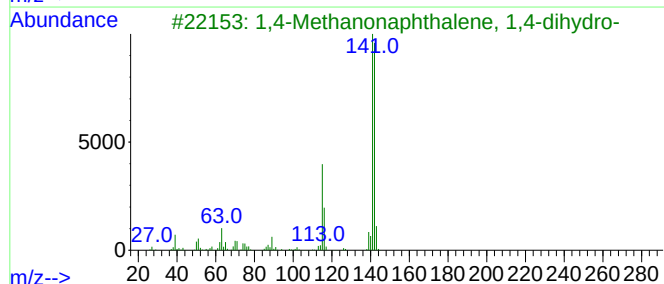
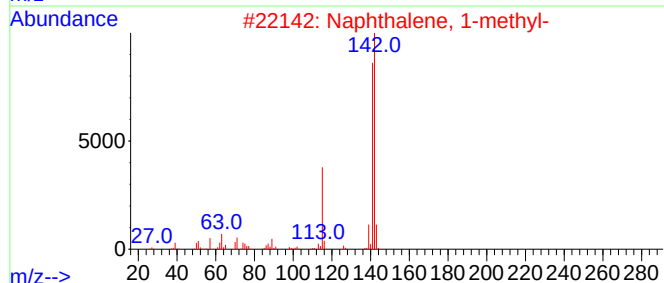
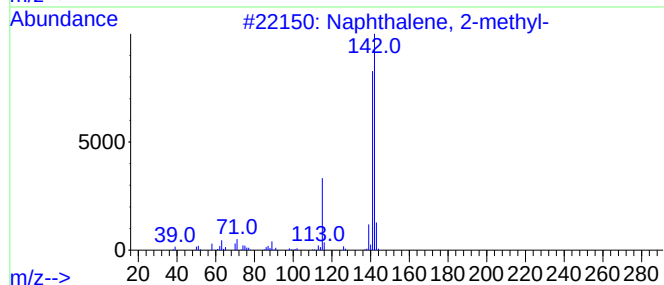
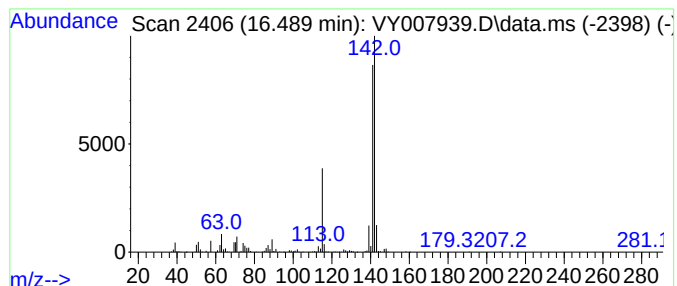
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 8 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	63.98 ug/l	475768	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
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	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007939.D
Acq On : 19 Mar 2022 07:07
Operator : SY/MD
Sample : N1983-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.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
.alpha.-Pinene	12.337	12.9	ug/l	99903	3	11.490	387767	50.0
Limonene	13.337	9.3	ug/l	68873	4	13.422	371829	50.0
Indane	13.623	5.6	ug/l	41434	4	13.422	371829	50.0
1H-Indene, 2,3-...	14.562	5.4	ug/l	40220	4	13.422	371829	50.0
1H-Indene, 2,3-...	14.684	14.2	ug/l	105635	4	13.422	371829	50.0
unknown14.739	14.739	6.3	ug/l	46657	4	13.422	371829	50.0
Benzocyclohepta...	16.294	35.3	ug/l	262784	4	13.422	371829	50.0
1,4-Methanonaph...	16.489	64.0	ug/l	475768	4	13.422	371829	50.0