

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015347.D
 Acq On : 25 Aug 2023 17:03
 Operator : SY/MD
 Sample : 04147-01
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05(46-47)

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: VY015347.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	461	474	490	rBV2	31104	95103	1.46%	0.408%
2	6.978	833	846	865	rBV	32821	109052	1.67%	0.468%
3	7.710	954	966	972	rBV	158168	376173	5.76%	1.613%
4	7.783	972	978	993	rVB	273592	616783	9.45%	2.645%
5	8.155	1024	1039	1054	rBV	1250862	2954692	45.26%	12.669%
6	8.685	1116	1126	1140	rBV	420570	807084	12.36%	3.460%
7	10.179	1362	1371	1376	rBV	634319	1099632	16.84%	4.715%
8	10.240	1376	1381	1390	rVB	480421	825356	12.64%	3.539%
9	11.489	1578	1586	1593	rBV	610901	994104	15.23%	4.262%
10	11.587	1596	1602	1611	rVV	413302	657468	10.07%	2.819%
11	11.697	1612	1620	1630	rVB	330551	622477	9.53%	2.669%
12	12.026	1668	1674	1684	rVB2	295480	513646	7.87%	2.202%
13	12.477	1741	1748	1757	rBV2	530424	856028	13.11%	3.670%
14	12.733	1784	1790	1793	rBV	61890	99914	1.53%	0.428%
15	12.764	1793	1795	1799	rVV	51314	67664	1.04%	0.290%
16	12.812	1799	1803	1809	rVB	64777	97600	1.49%	0.418%
17	13.117	1845	1853	1858	rBV	143602	230489	3.53%	0.988%
18	13.166	1858	1861	1866	rVB	50038	73609	1.13%	0.316%
19	13.337	1882	1889	1897	rBV	236432	410114	6.28%	1.758%
20	13.422	1897	1903	1912	rVV	674944	1097944	16.82%	4.708%
21	13.623	1927	1936	1948	rVV	862896	1358099	20.80%	5.823%
22	13.806	1959	1966	1974	rBV	842793	1281990	19.64%	5.497%
23	14.263	2036	2041	2045	rBV	57159	87712	1.34%	0.376%
24	14.361	2051	2057	2065	rVB	111225	200890	3.08%	0.861%
25	14.745	2114	2120	2127	rVB2	95615	160964	2.47%	0.690%
26	14.830	2128	2134	2140	rBV	110017	175382	2.69%	0.752%
27	14.940	2145	2152	2158	rVB3	37325	84393	1.29%	0.362%
28	15.233	2193	2200	2209	rVV	3955573	6528965	100.00%	27.994%
29	15.330	2209	2216	2237	rVB	126816	279642	4.28%	1.199%
30	16.287	2367	2373	2382	rVB	131531	264515	4.05%	1.134%
31	16.489	2398	2406	2416	rVB	139209	295426	4.52%	1.267%

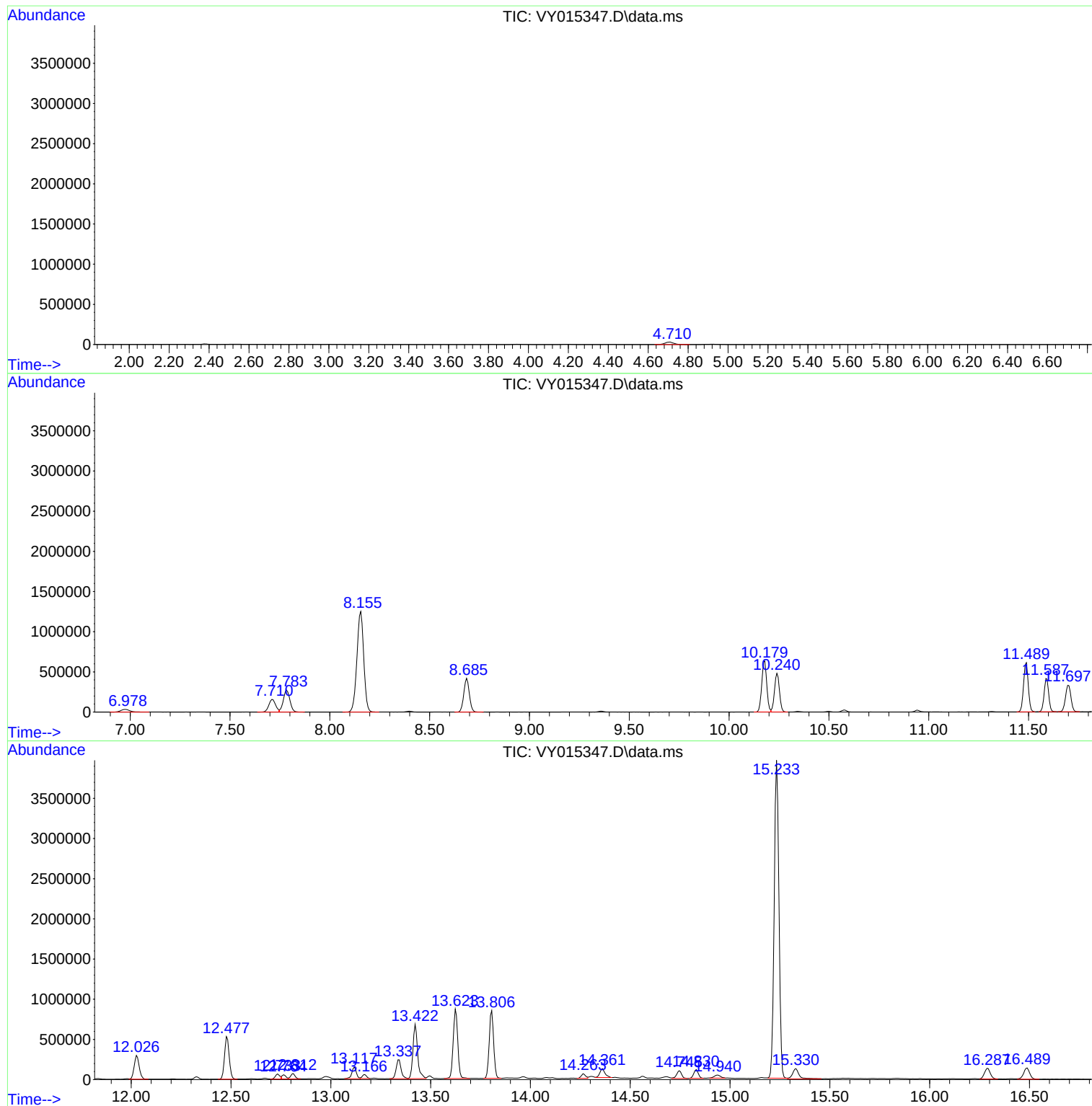
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Instrument :
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ClientSampleId :
SB-05(46-47)

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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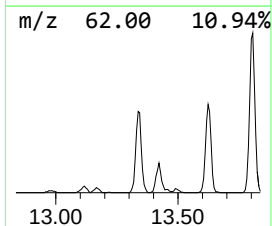
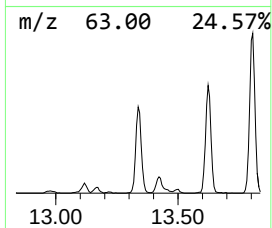
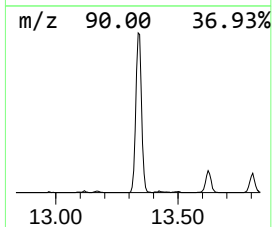
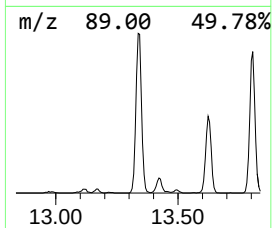
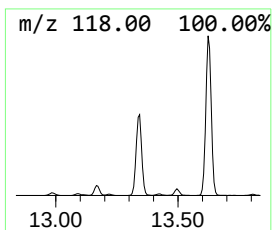
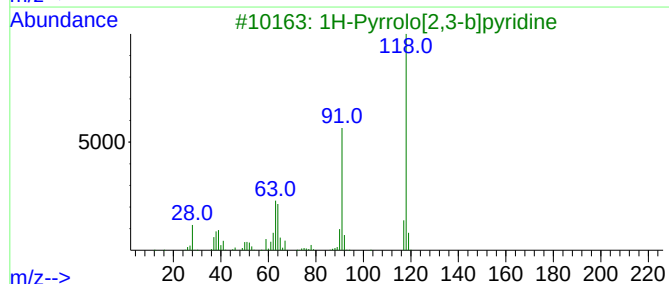
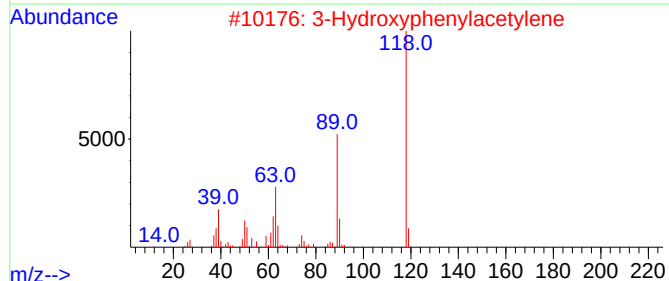
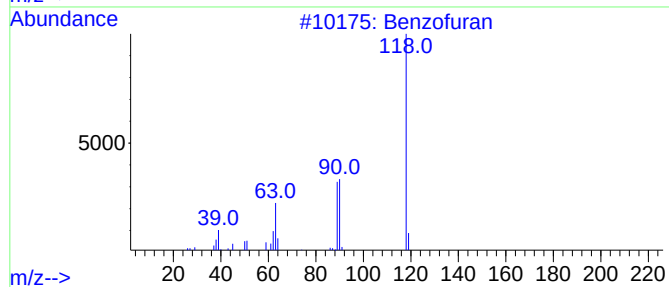
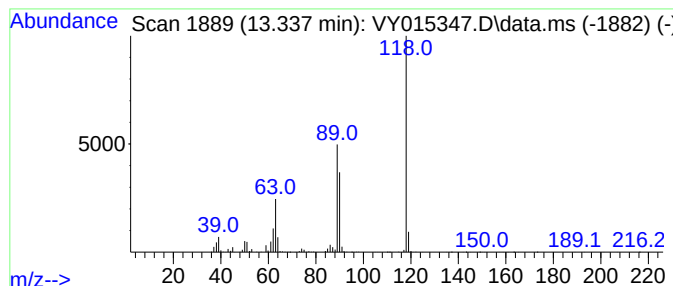
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Quant Title : SW846 8260

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

Peak Number 2 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.337	18.68 ug/l	410114	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran	118	C8H6O	000271-89-6	93
2			3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	86
3			1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	45
4			5-Azaindole	118	C7H6N2	000271-34-1	40
5			3-(Chloromethyl)-1,2,4-oxadiazole	118	C3H3ClN2O	051791-12-9	38



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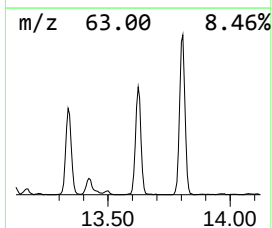
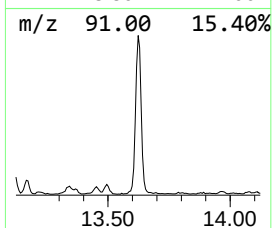
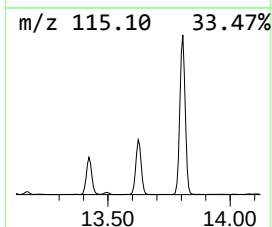
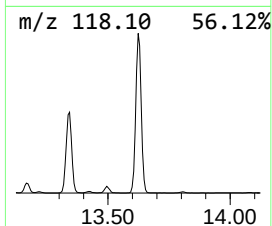
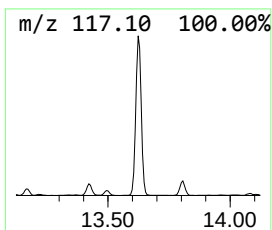
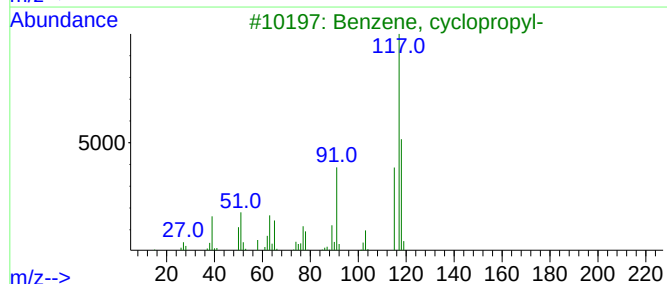
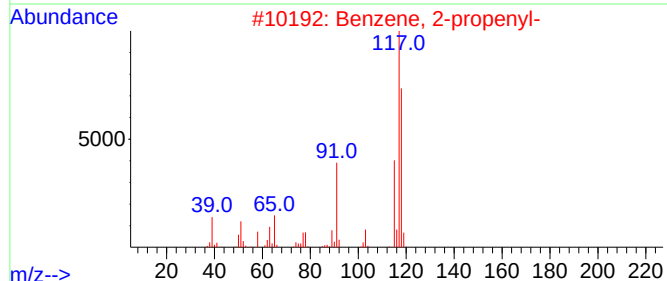
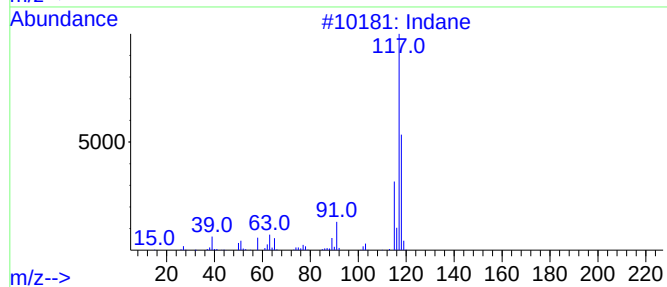
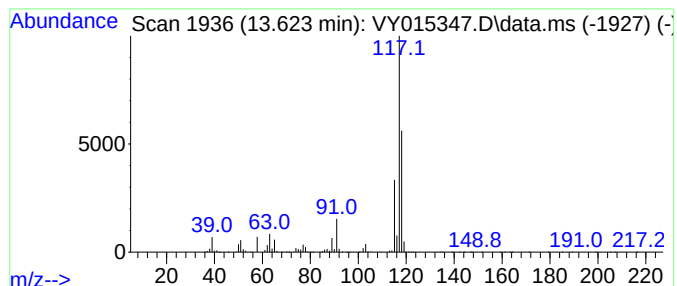
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	61.85 ug/l	1358100	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74



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ALS Vial : 18 Sample Multiplier: 1

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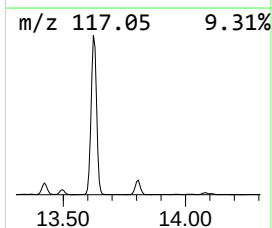
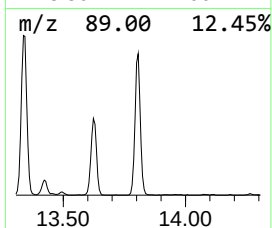
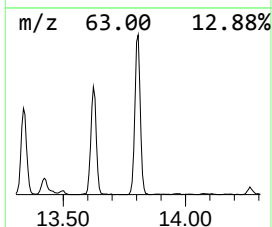
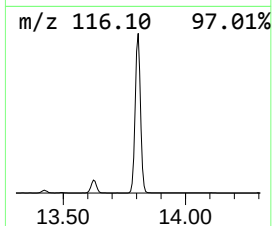
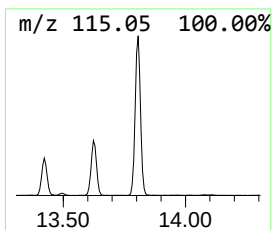
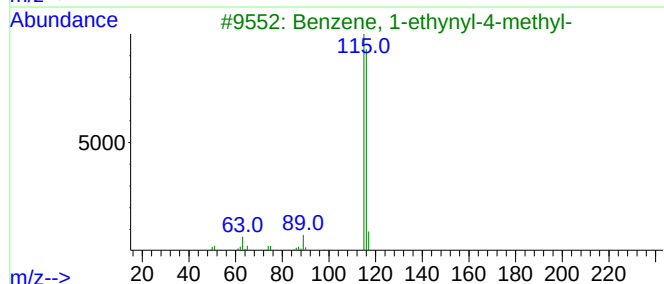
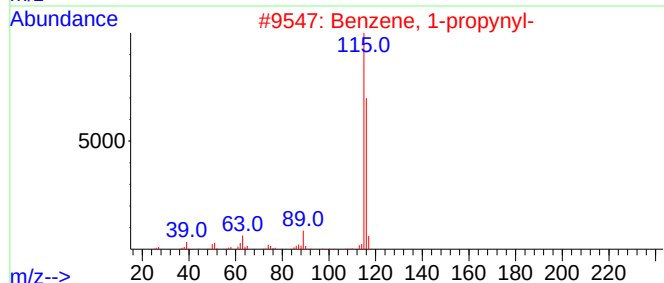
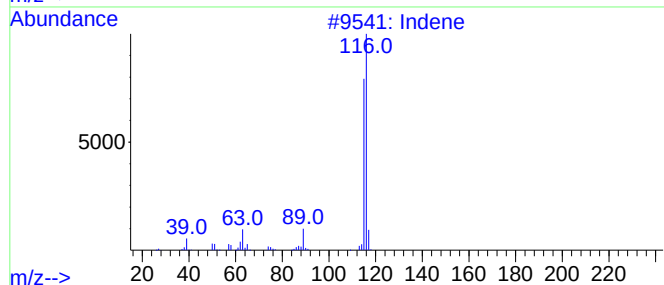
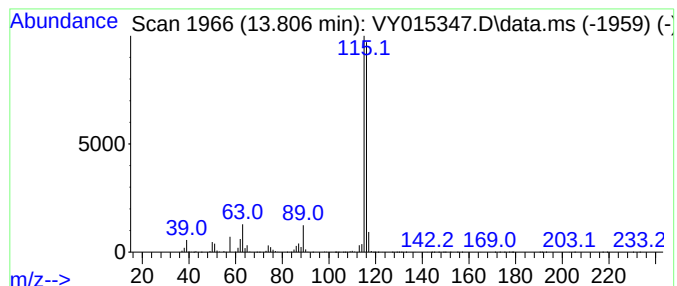
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 4 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	58.38 ug/l	1281990	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5			2-Methylphenylacetylene	116	C9H8	000766-47-2	91



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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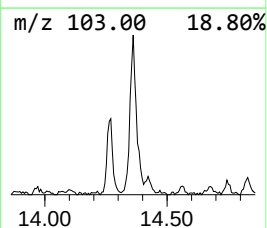
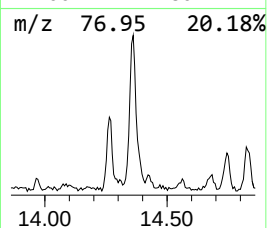
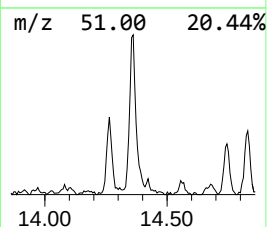
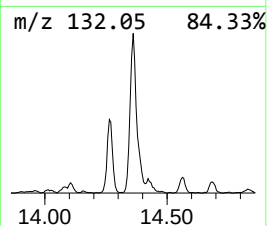
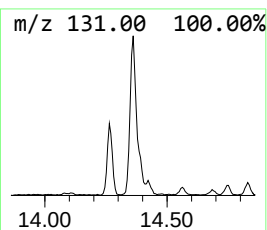
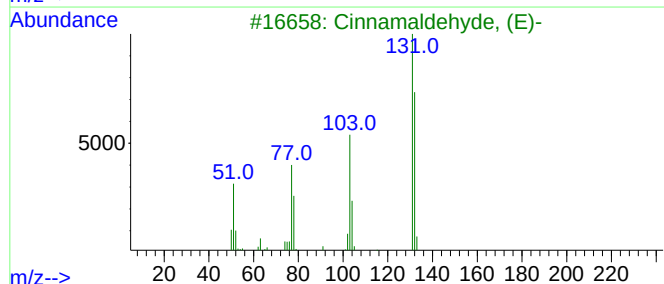
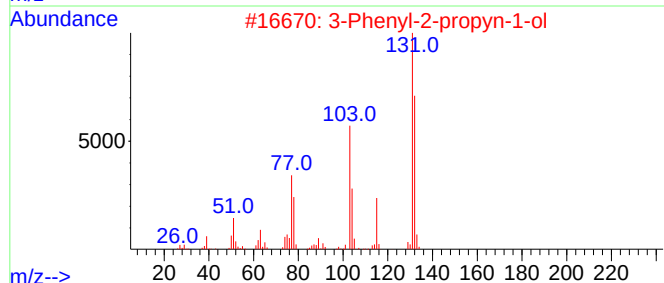
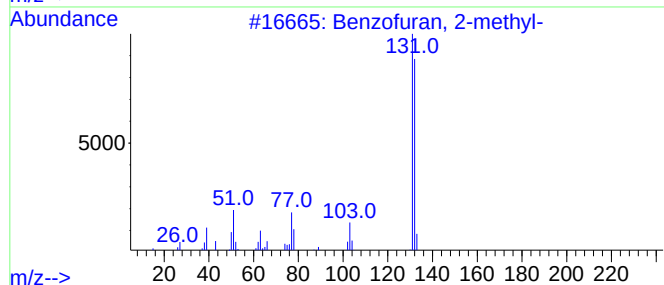
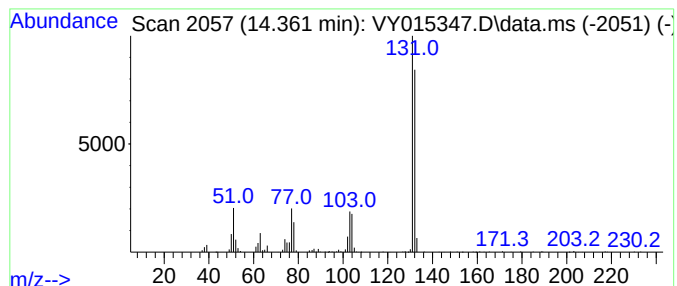
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Quant Title : SW846 8260

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

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.361	9.15 ug/l	200890	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	81



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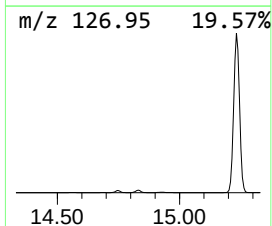
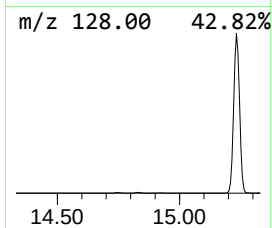
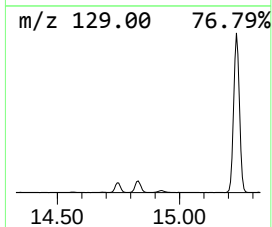
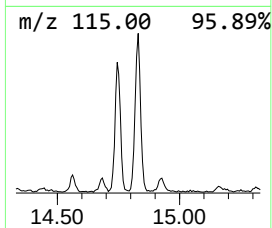
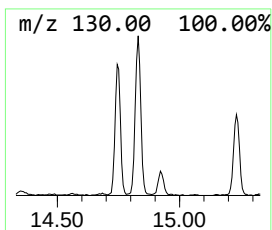
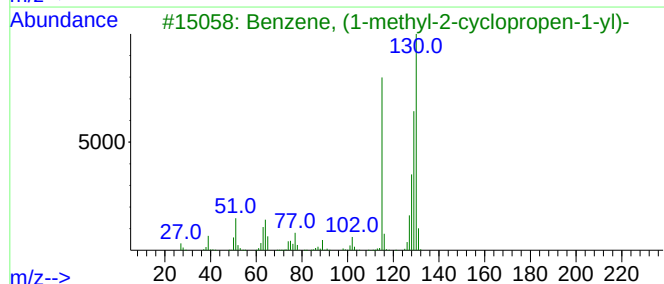
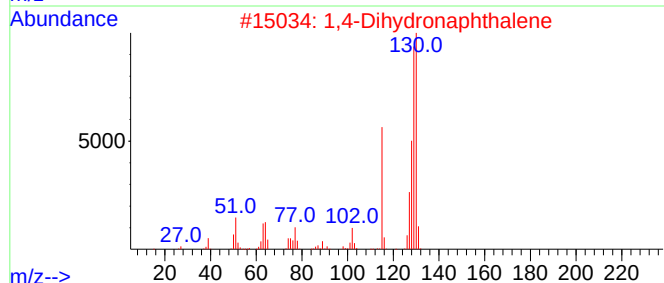
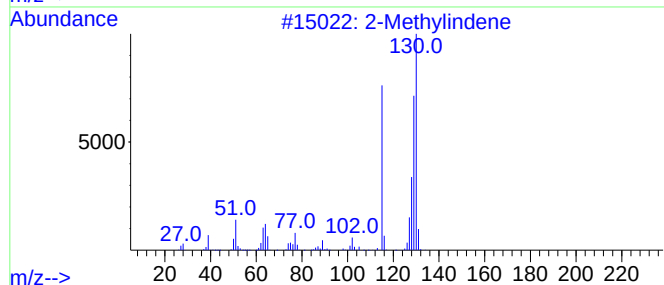
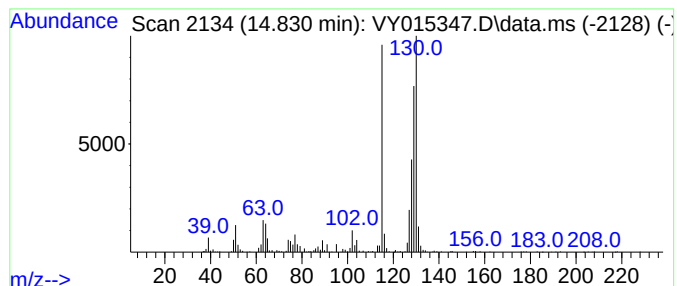
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	7.99 ug/l	175382	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			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
3			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	94
4			Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5			Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	130	C10H10	015677-15-3	93



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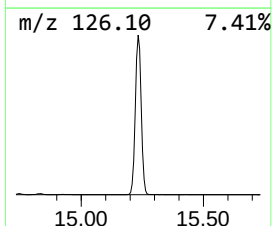
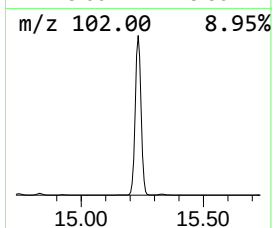
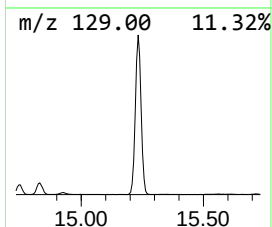
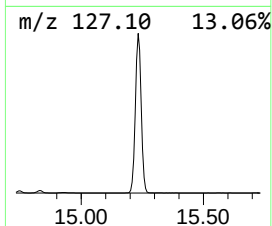
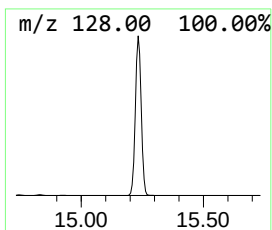
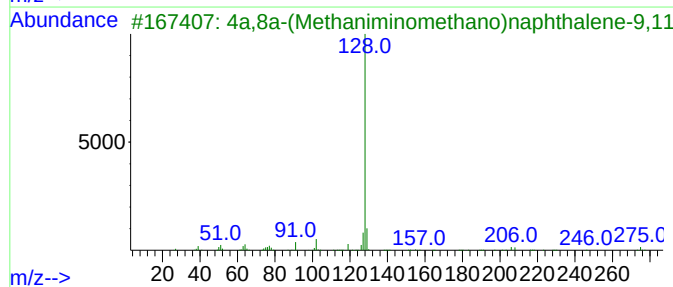
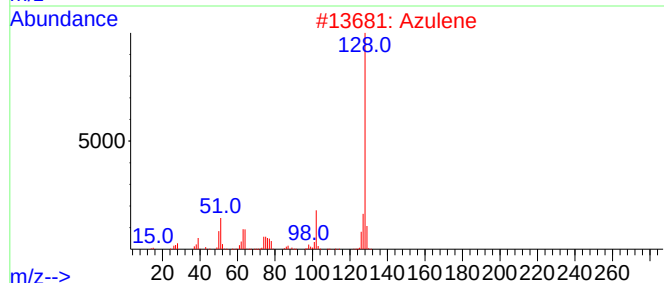
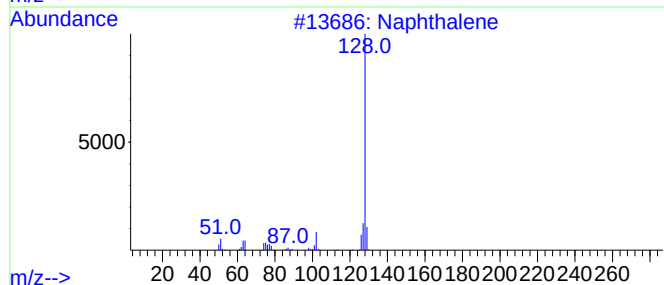
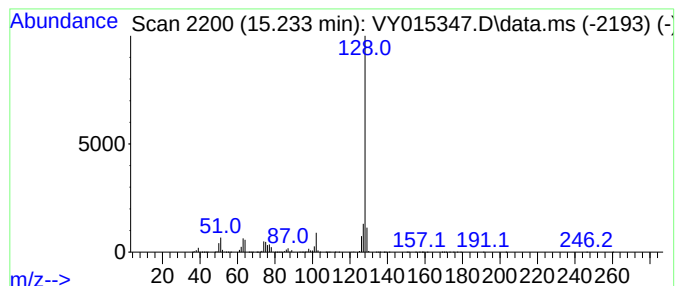
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Quant Title : SW846 8260

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

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	297.33 ug/l	6528970	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			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015347.D
Acq On : 25 Aug 2023 17:03
Operator : SY/MD
Sample : 04147-01
Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

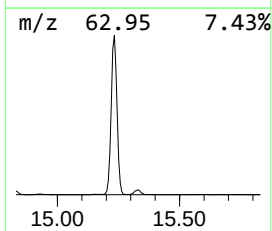
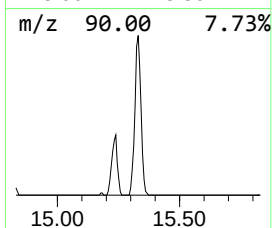
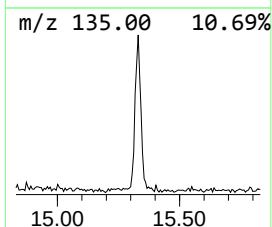
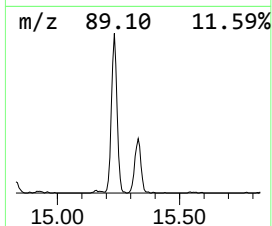
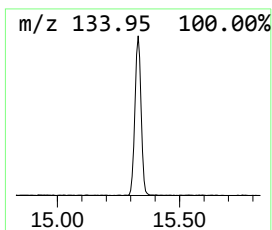
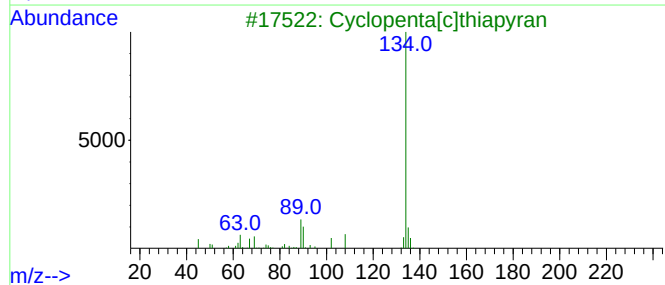
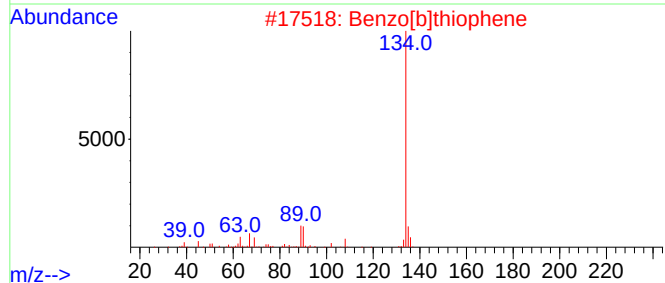
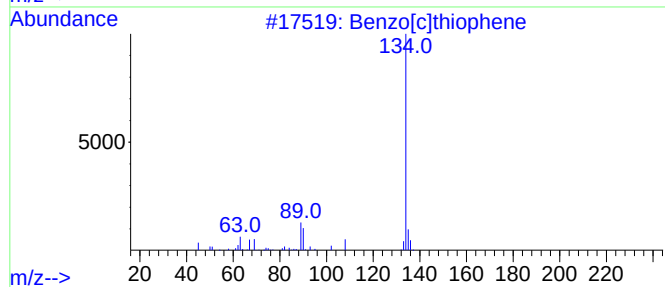
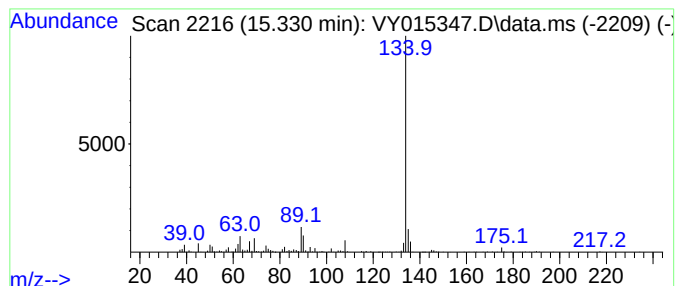
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	12.73 ug/l	279642	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			Thiazole, 2-methyl-4-phenyl-	175	C10H9NS	001826-16-0	78
5			3-(2'-Methyl benzenaminomethyl),...	324	C18H16N2O2S	312926-67-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015347.D
Acq On : 25 Aug 2023 17:03
Operator : SY/MD
Sample : 04147-01
Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

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
Benzofuran	13.337	18.7	ug/l	410114	4	13.422	1097940	50.0
Indane	13.623	61.9	ug/l	1358100	4	13.422	1097940	50.0
Indene	13.806	58.4	ug/l	1281990	4	13.422	1097940	50.0
Benzofuran, 2-m...	14.361	9.2	ug/l	200890	4	13.422	1097940	50.0
2-Methylindene	14.830	8.0	ug/l	175382	4	13.422	1097940	50.0
Azulene	15.233	297.3	ug/l	6528970	4	13.422	1097940	50.0
Benzo[c]thiophene	15.330	12.7	ug/l	279642	4	13.422	1097940	50.0