

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016233.D
 Acq On : 06 Nov 2023 13:46
 Operator : SY/MD
 Sample : 05253-04
 Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-3(195FT)(0-5)

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: VY016233.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.789	973	979	988	rVB	132214	294864	1.56%	0.659%
2	8.161	1028	1040	1057	rBV2	392615	954269	5.06%	2.131%
3	8.691	1119	1127	1136	rBV	210978	411787	2.18%	0.920%
4	10.179	1363	1371	1378	rBV	329725	559595	2.97%	1.250%
5	11.489	1579	1586	1596	rBV	312129	503737	2.67%	1.125%
6	11.593	1596	1603	1611	rVV	1574871	2381795	12.63%	5.320%
7	11.703	1611	1621	1633	rVB	453154	829480	4.40%	1.853%
8	12.026	1668	1674	1683	rVB	320343	509371	2.70%	1.138%
9	12.483	1742	1749	1756	rBV2	261279	414567	2.20%	0.926%
10	12.733	1784	1790	1792	rBV	163153	231040	1.23%	0.516%
11	12.770	1792	1796	1800	rVV	368503	570772	3.03%	1.275%
12	12.812	1800	1803	1808	rVB	146227	204817	1.09%	0.457%
13	12.971	1822	1829	1837	rBV	115429	189793	1.01%	0.424%
14	13.117	1843	1853	1858	rBV	421537	696925	3.70%	1.557%
15	13.428	1898	1904	1907	rBV	299030	502319	2.66%	1.122%
16	13.629	1923	1937	1942	rBV	3357273	5491758	29.12%	12.266%
17	13.971	1988	1993	1998	rBV	199852	294638	1.56%	0.658%
18	14.562	2082	2090	2096	rBV	292300	454884	2.41%	1.016%
19	14.678	2103	2109	2115	rBV3	130952	271353	1.44%	0.606%
20	14.751	2115	2121	2128	rVV	295124	445908	2.36%	0.996%
21	14.830	2128	2134	2143	rVB	555254	867047	4.60%	1.937%
22	15.233	2183	2200	2209	rBV	10990934	18859207	100.00%	42.124%
23	15.330	2210	2216	2225	rVB	288346	513793	2.72%	1.148%
24	16.293	2367	2374	2386	rVV	2578504	5130319	27.20%	11.459%
25	16.489	2398	2406	2418	rVB	1569671	3187044	16.90%	7.119%

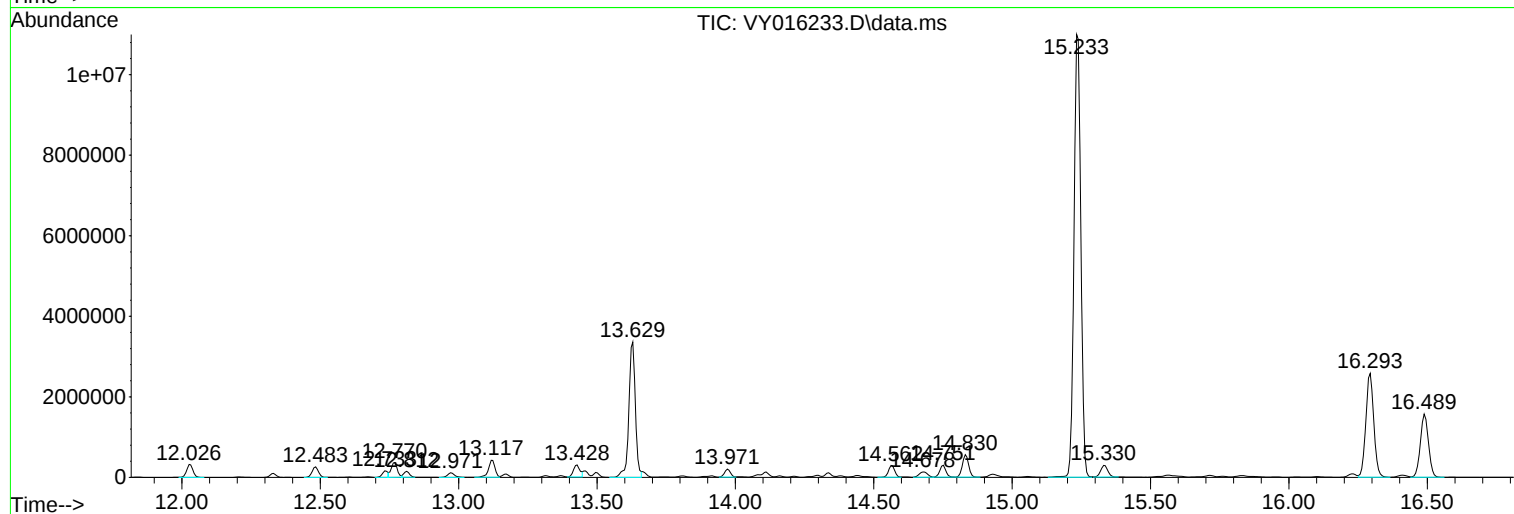
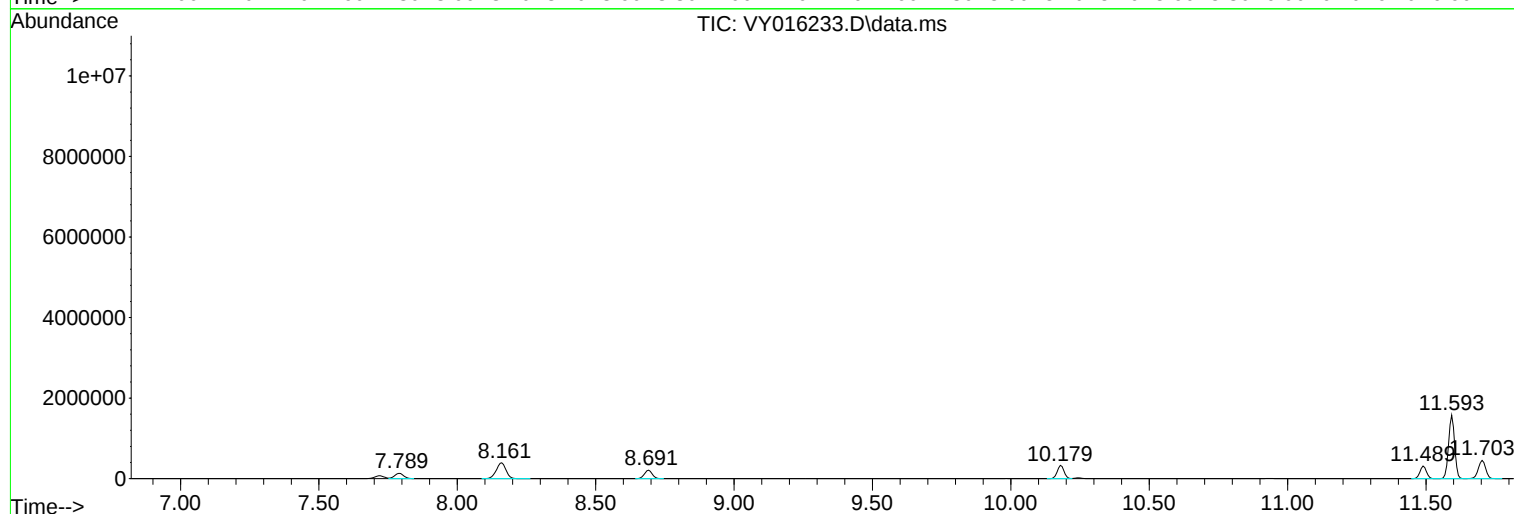
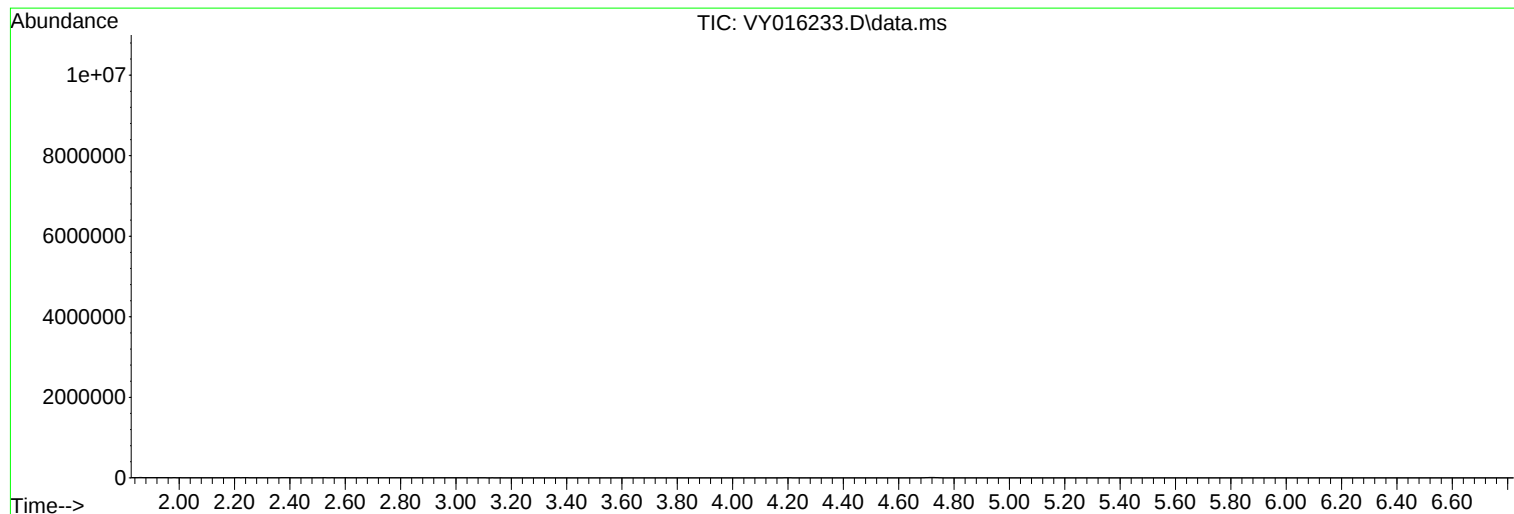
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Instrument :
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ClientSampleId :
L-3(195FT)(0-5)

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



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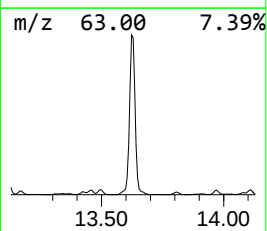
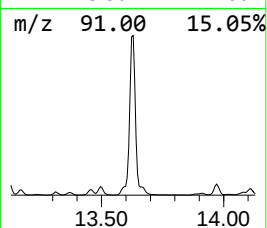
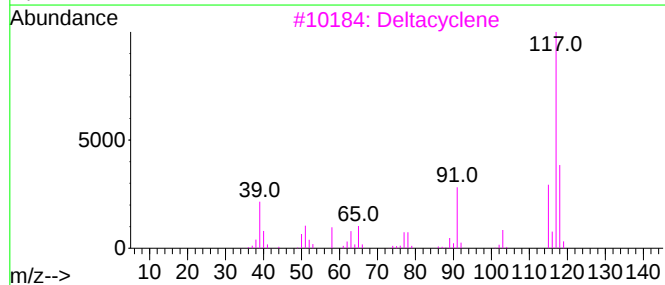
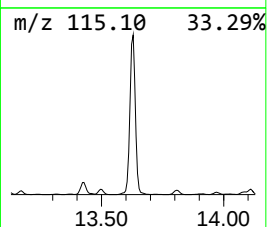
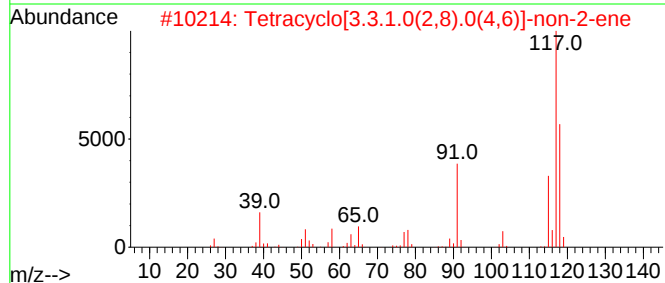
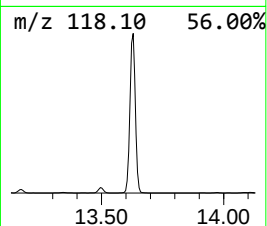
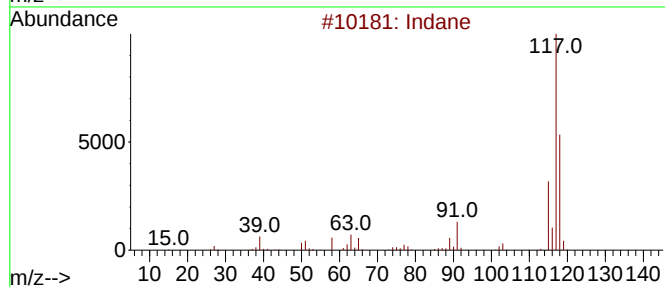
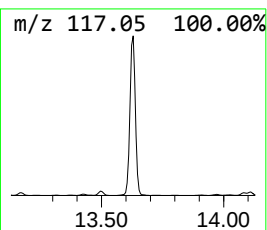
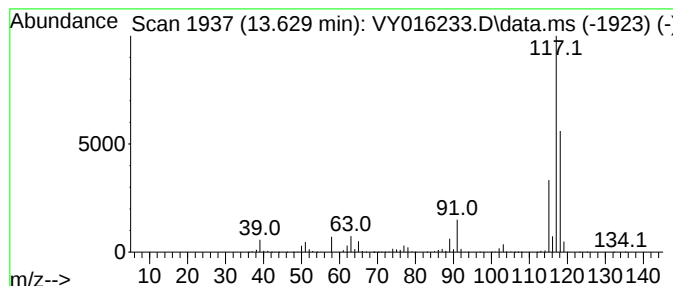
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	546.64 ug/l	5491760	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3			Deltacyclene	118	C9H10	007785-10-6	72
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
5			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53



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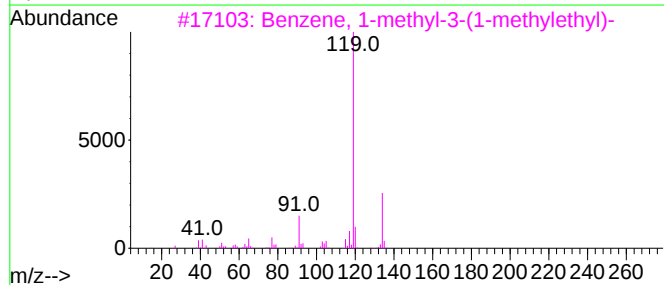
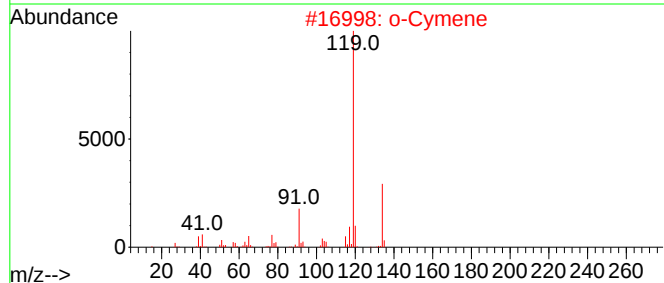
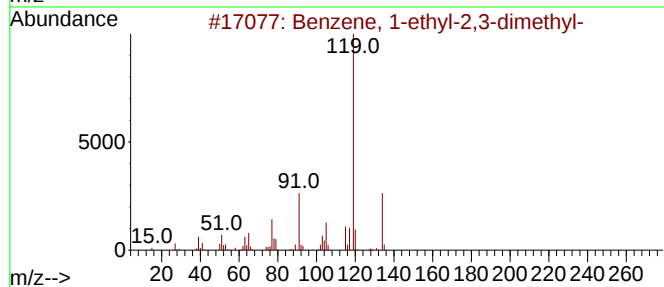
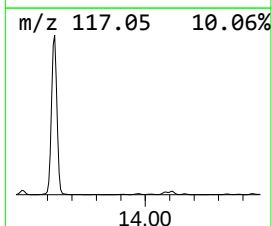
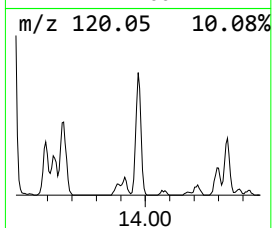
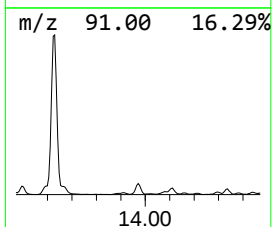
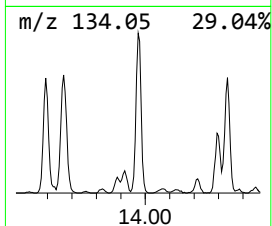
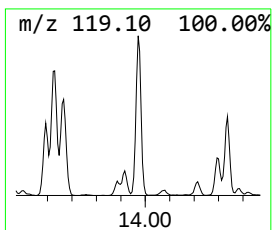
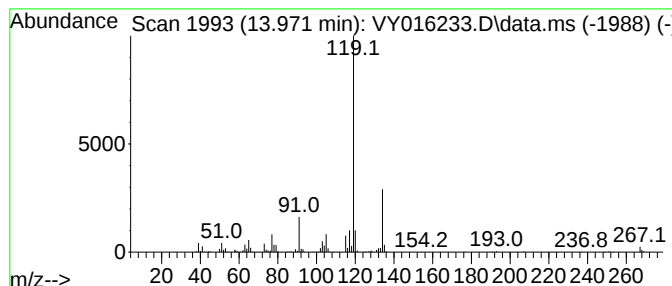
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	29.33 ug/l	294638	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(195FT)(0-5)

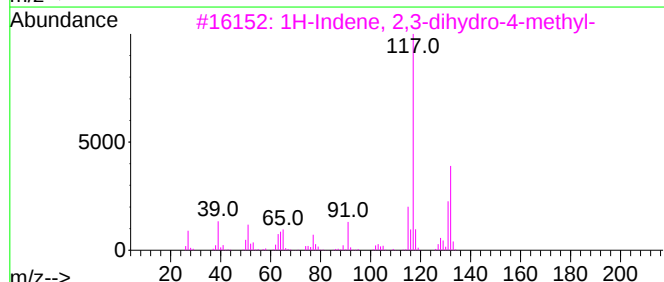
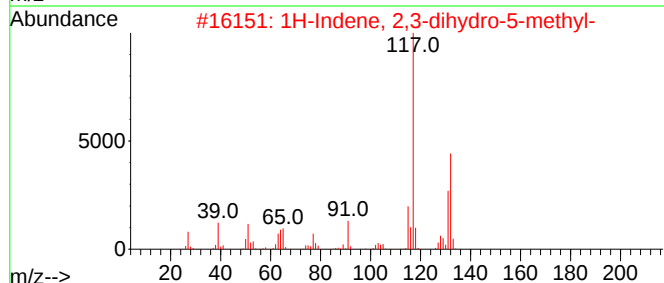
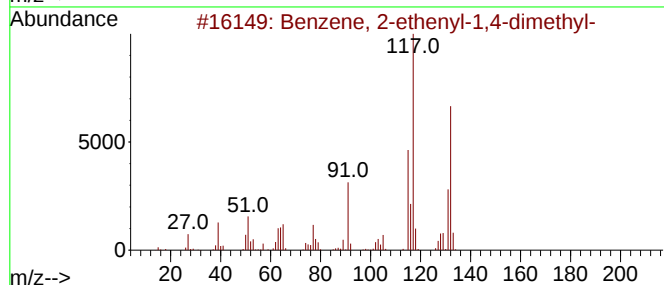
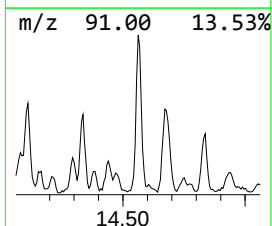
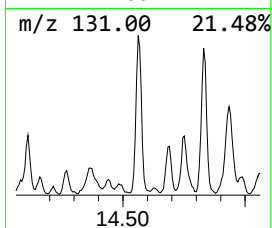
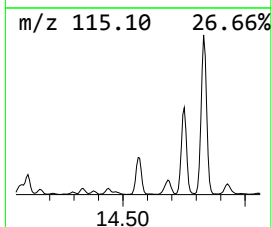
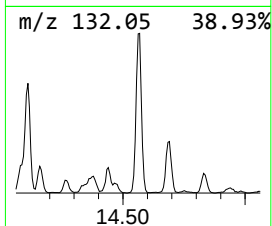
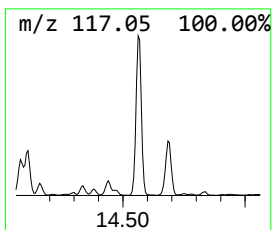
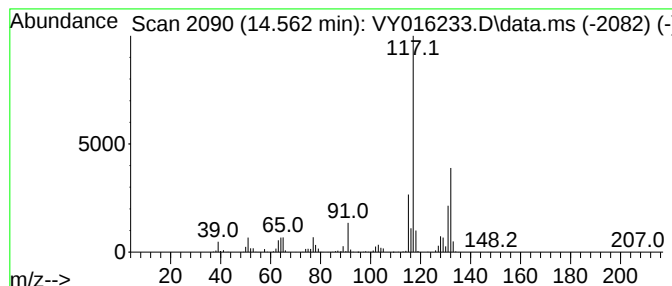
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	45.28 ug/l	454884	1,4-Dichlorobenzene-d4	13.428

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-5-methyl-	132	C10H12	000874-35-1	95
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



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Instrument :
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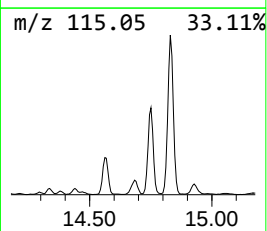
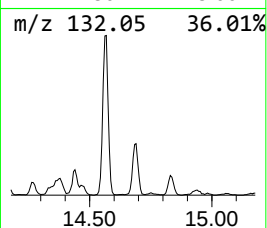
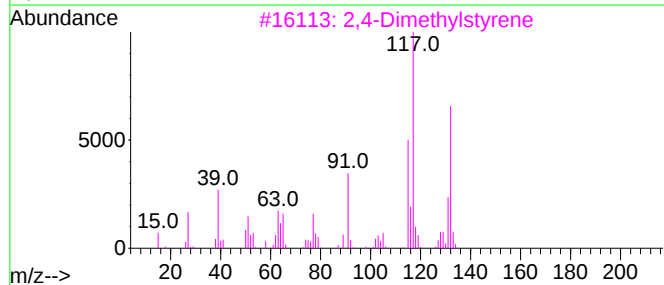
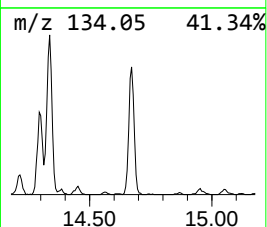
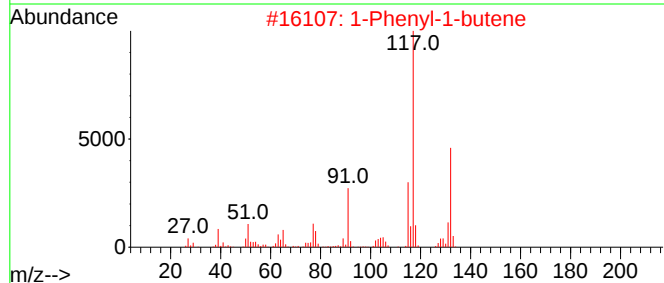
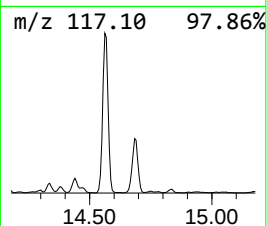
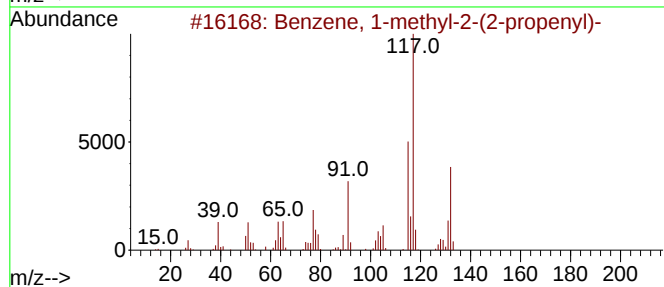
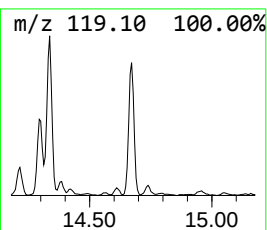
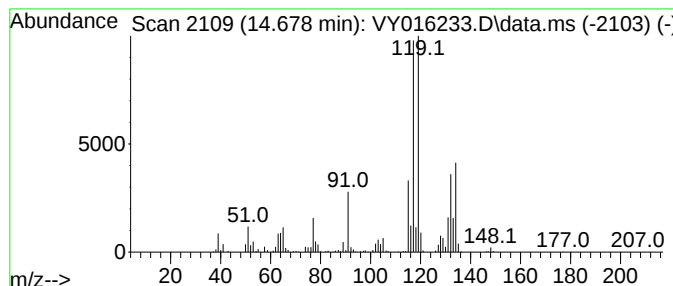
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Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	27.01 ug/l	271353	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
5			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64



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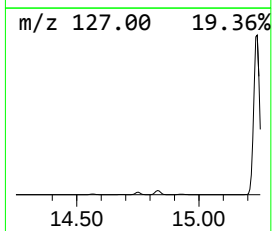
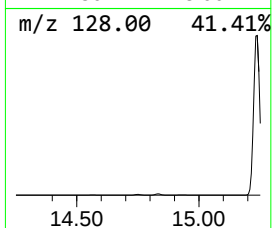
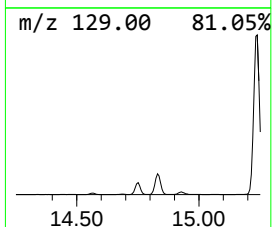
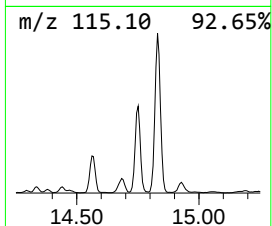
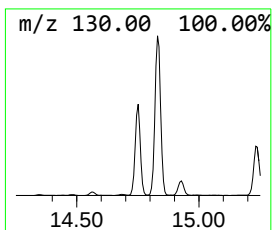
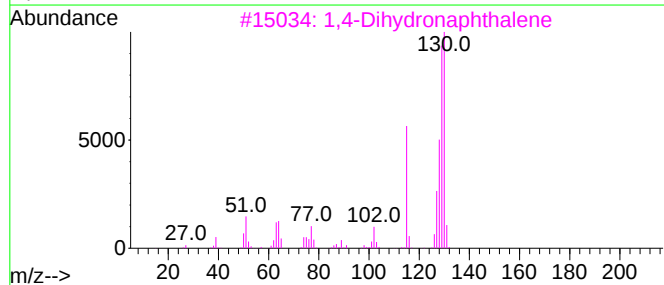
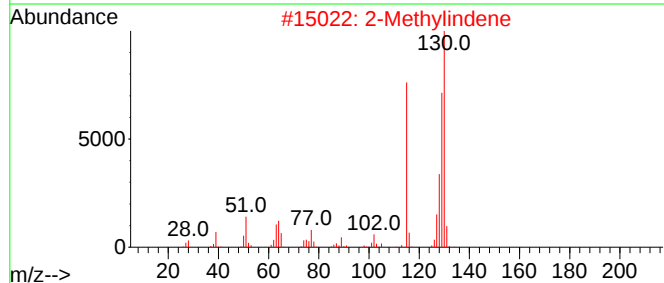
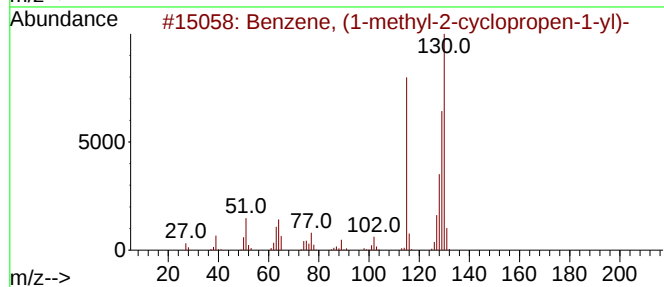
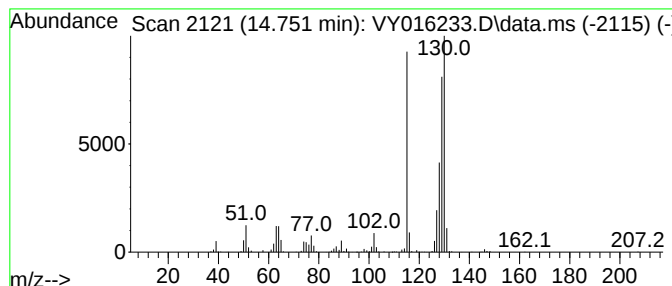
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	44.38 ug/l	445908	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2			2-Methylindene	130	C10H10	002177-47-1	97
3			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



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L-3(195FT)(0-5)

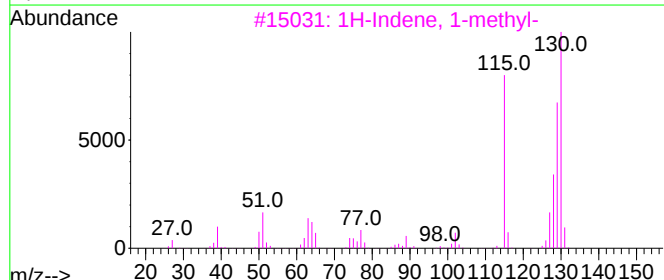
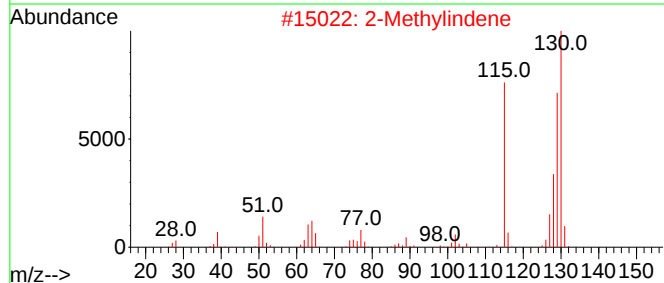
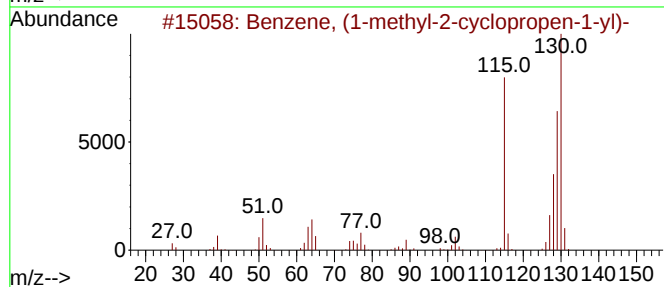
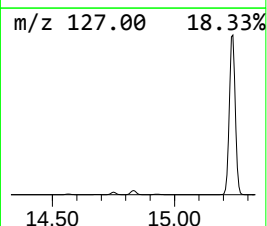
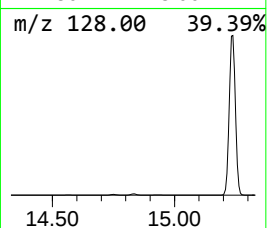
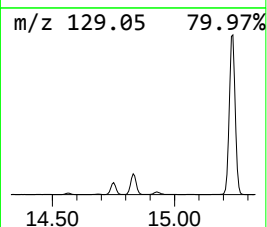
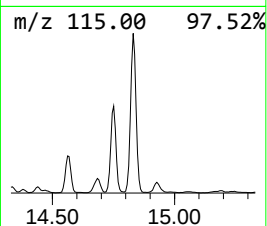
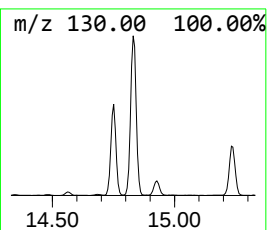
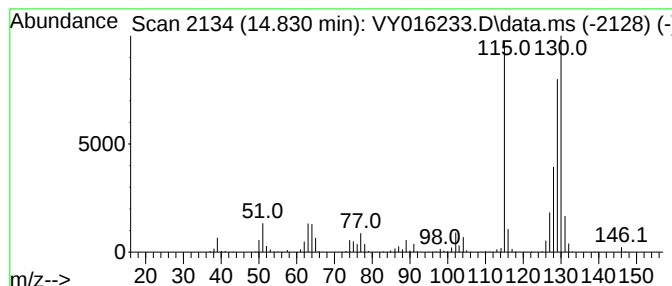
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Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	86.30 ug/l	867047	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	96
2			2-Methylindene	130	C10H10	002177-47-1	96
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016233.D
Acq On : 06 Nov 2023 13:46
Operator : SY/MD
Sample : 05253-04
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(195FT)(0-5)

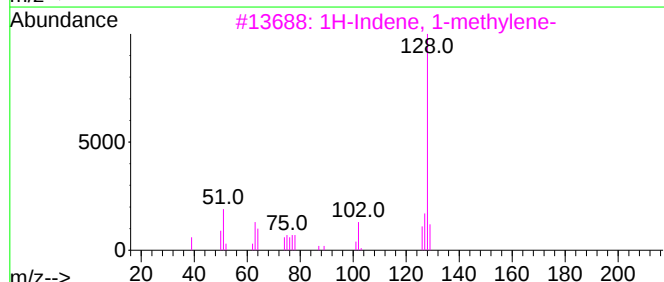
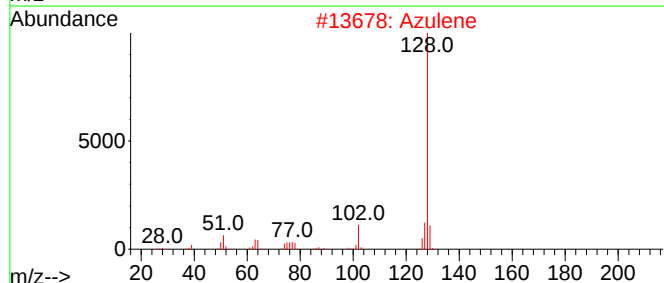
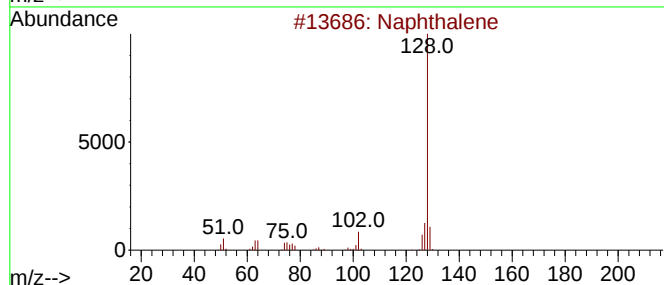
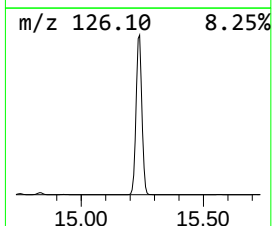
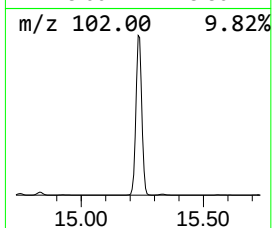
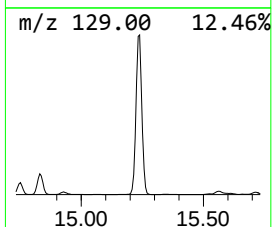
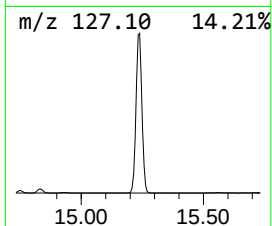
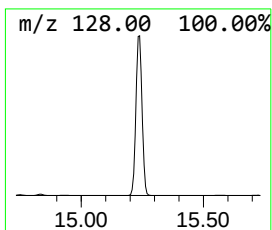
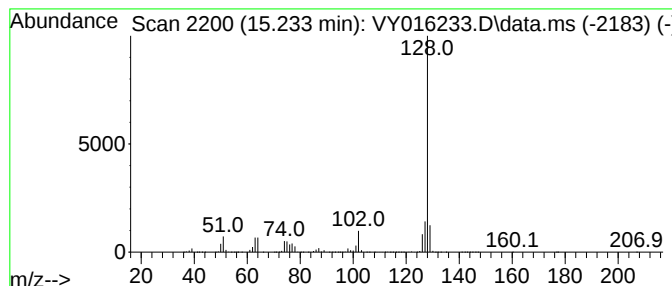
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Quant Title : SW846 8260

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	1877.21 ug/l	18859200	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	53
5			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016233.D
Acq On : 06 Nov 2023 13:46
Operator : SY/MD
Sample : 05253-04
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(195FT)(0-5)

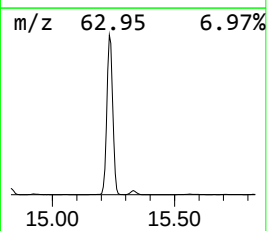
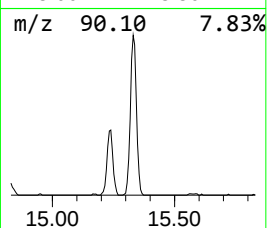
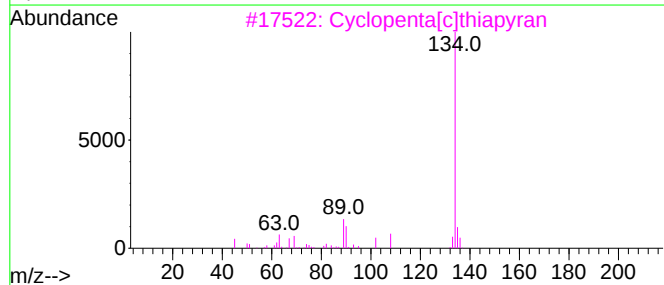
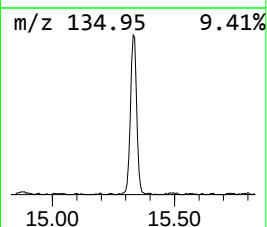
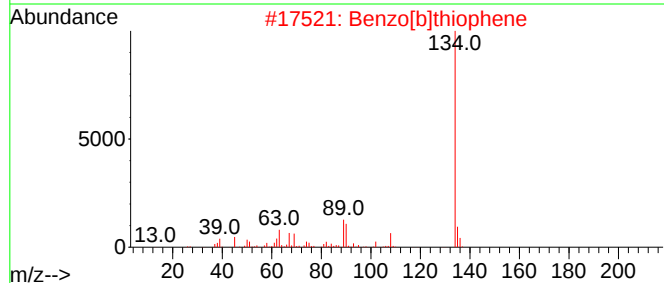
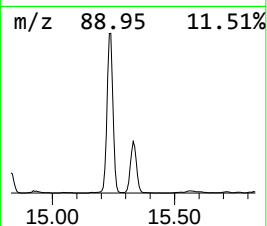
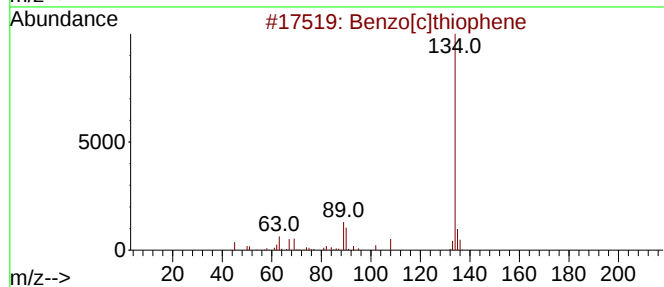
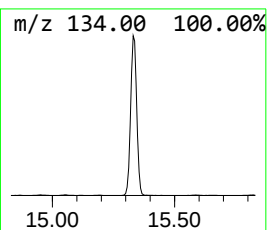
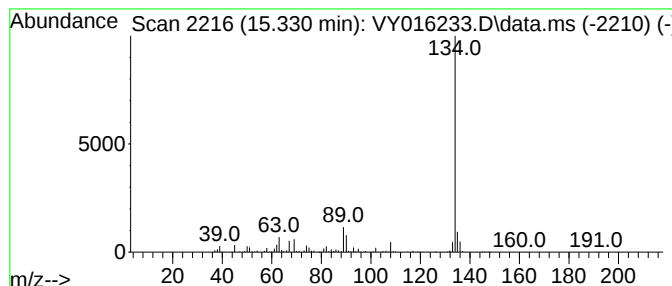
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Quant Title : SW846 8260

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	51.14 ug/l	513793	1,4-Dichlorobenzene-d4	13.428

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	95
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			3-Deazaadenine	134	C6H6N4	006811-77-4	59
5			Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016233.D
Acq On : 06 Nov 2023 13:46
Operator : SY/MD
Sample : 05253-04
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(195FT)(0-5)

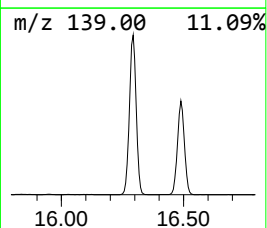
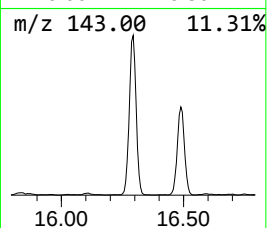
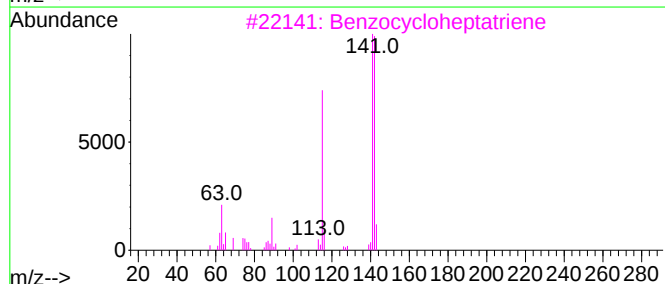
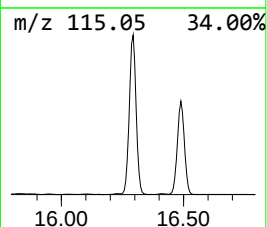
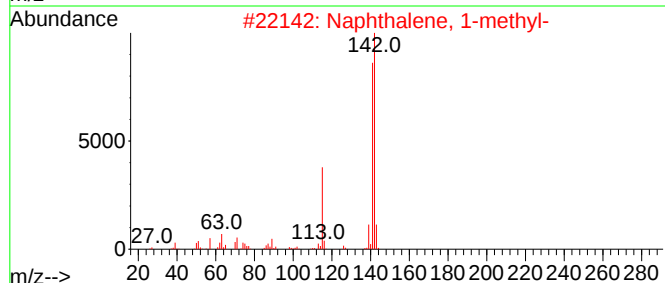
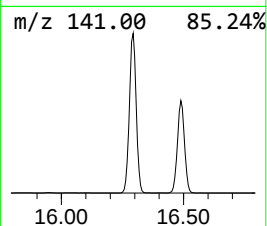
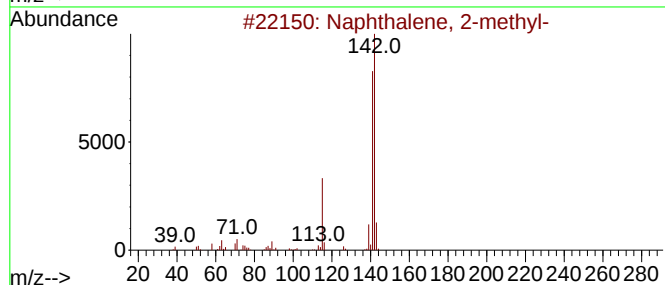
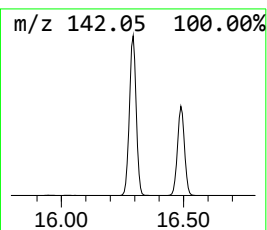
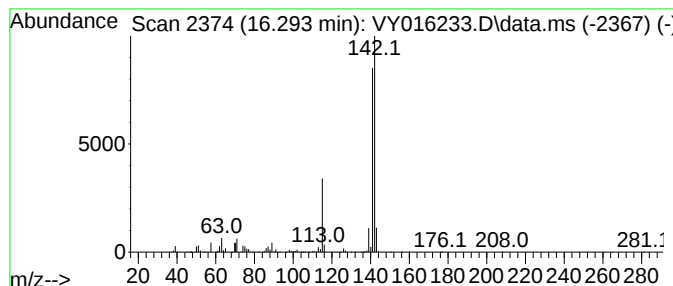
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Quant Title : SW846 8260

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	510.66 ug/l	5130320	1,4-Dichlorobenzene-d4	13.428

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	91
5			3-Indolecarbonitrile	142	C9H6N2	005457-28-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016233.D
Acq On : 06 Nov 2023 13:46
Operator : SY/MD
Sample : 05253-04
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(195FT)(0-5)

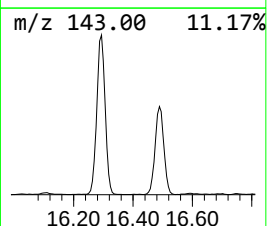
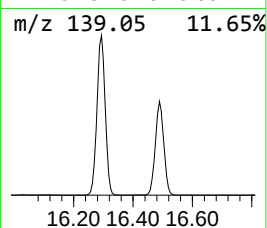
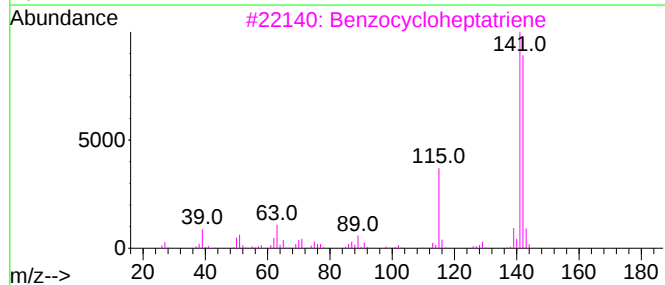
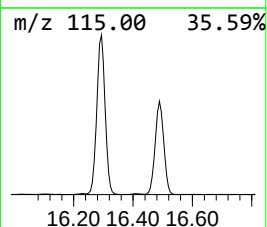
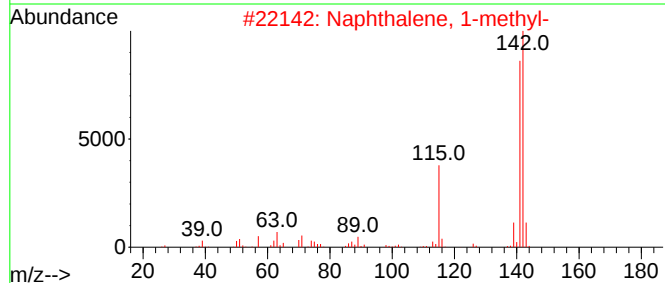
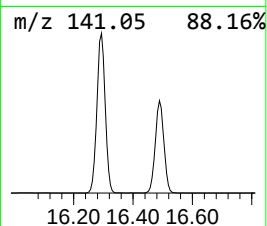
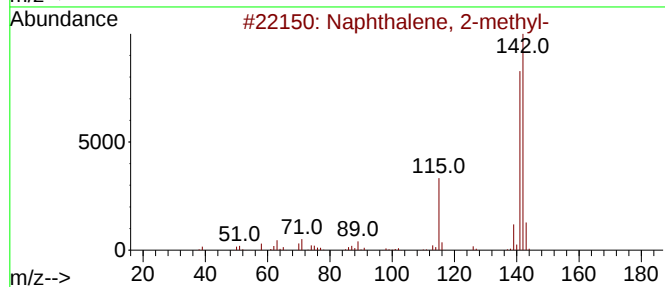
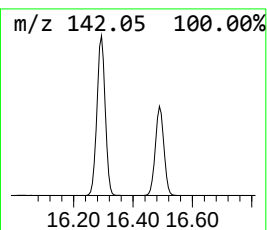
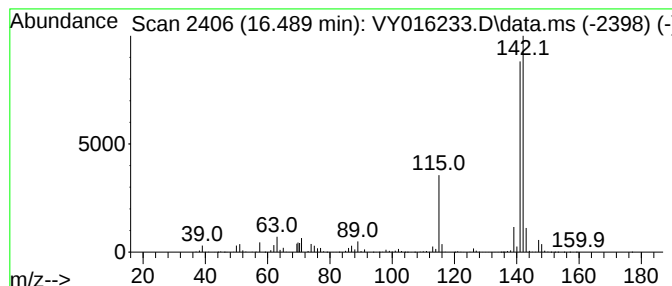
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Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	317.23 ug/l	3187040	1,4-Dichlorobenzene-d4	13.428

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			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016233.D
Acq On : 06 Nov 2023 13:46
Operator : SY/MD
Sample : 05253-04
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(195FT)(0-5)

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
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Benzene, 1-ethy...	13.971	29.3	ug/l	294638	4	13.428	502319	50.0
Benzene, 2-ethe...	14.562	45.3	ug/l	454884	4	13.428	502319	50.0
Benzene, 1-meth...	14.678	27.0	ug/l	271353	4	13.428	502319	50.0
Benzene, (1-met...	14.751	44.4	ug/l	445908	4	13.428	502319	50.0
2-Methylindene	14.830	86.3	ug/l	867047	4	13.428	502319	50.0
Azulene	15.233	1877.2	ug/l	18859200	4	13.428	502319	50.0
Benzo[c]thiophene	15.330	51.1	ug/l	513793	4	13.428	502319	50.0
Benzocyclohepta...	16.293	510.7	ug/l	5130320	4	13.428	502319	50.0
1,4-Methanonaph...	16.488	317.2	ug/l	3187040	4	13.428	502319	50.0