

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015177.D
 Acq On : 17 Aug 2023 17:16
 Operator : SY/MD
 Sample : 03958-05
 Misc : 6.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB02-Z37-39

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: VY015177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.710	955	966	972	rBV2	96039	228076	1.58%	0.778%
2	7.783	972	978	996	rVB	152375	349254	2.41%	1.191%
3	8.155	1027	1039	1052	rBV	710639	1686850	11.66%	5.755%
4	8.685	1118	1126	1140	rBV	250910	485756	3.36%	1.657%
5	10.179	1363	1371	1378	rBV	399848	681883	4.71%	2.326%
6	11.490	1578	1586	1595	rBV	408899	648912	4.49%	2.214%
7	11.593	1595	1603	1612	rVV	944333	1468718	10.15%	5.011%
8	11.703	1612	1621	1636	rVB	145430	256743	1.78%	0.876%
9	12.026	1668	1674	1684	rVB	287700	447593	3.09%	1.527%
10	12.483	1742	1749	1757	rBV	344056	546378	3.78%	1.864%
11	12.764	1785	1795	1800	rBV	98333	161181	1.11%	0.550%
12	13.117	1844	1853	1858	rBV	167656	279334	1.93%	0.953%
13	13.422	1897	1903	1908	rBV	448480	746523	5.16%	2.547%
14	13.629	1925	1937	1950	rBV	2172188	3508335	24.26%	11.969%
15	14.562	2084	2090	2096	rBV	108436	162050	1.12%	0.553%
16	14.751	2115	2121	2127	rVV	98087	156815	1.08%	0.535%
17	14.830	2127	2134	2142	rVV	341196	533340	3.69%	1.820%
18	15.233	2193	2200	2209	rBV	8793580	14463555	100.00%	49.343%
19	15.330	2210	2216	2225	rVB	263156	445451	3.08%	1.520%
20	16.287	2366	2373	2386	rVB	609329	1239114	8.57%	4.227%
21	16.489	2398	2406	2415	rVB	406814	816362	5.64%	2.785%

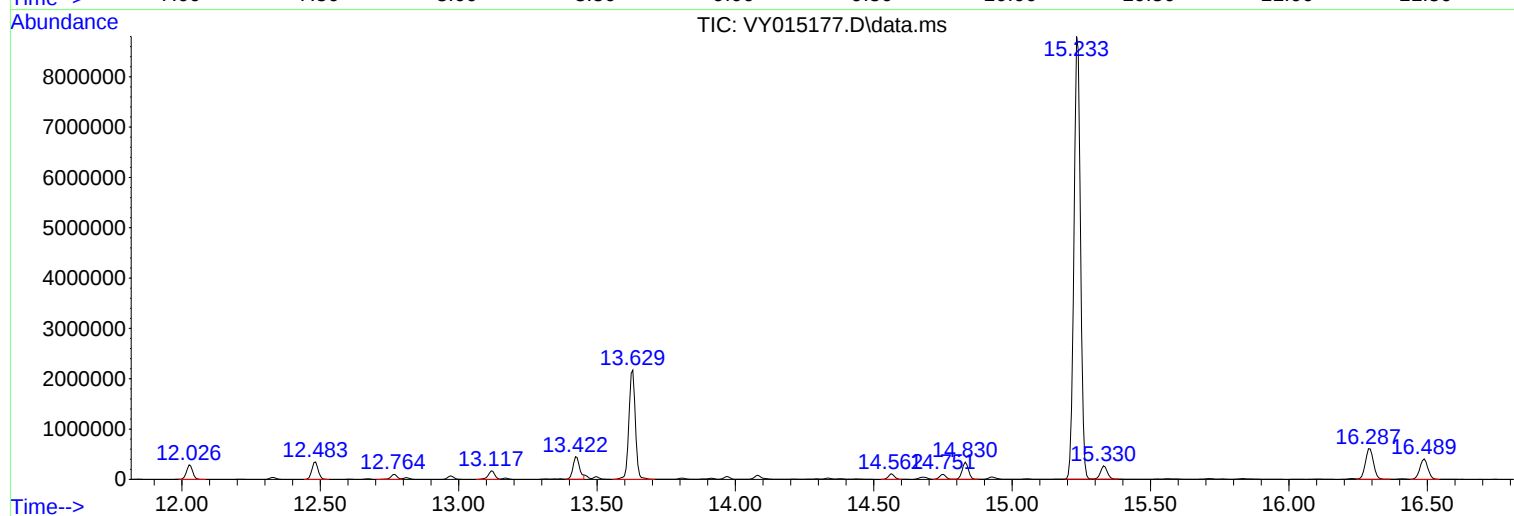
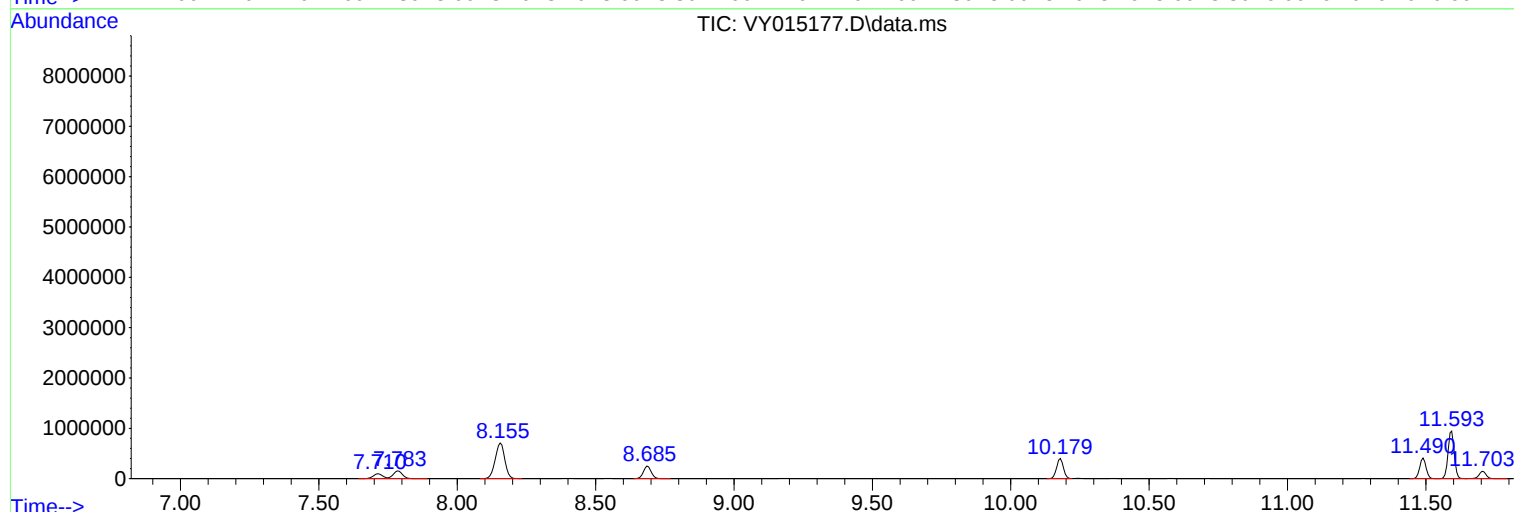
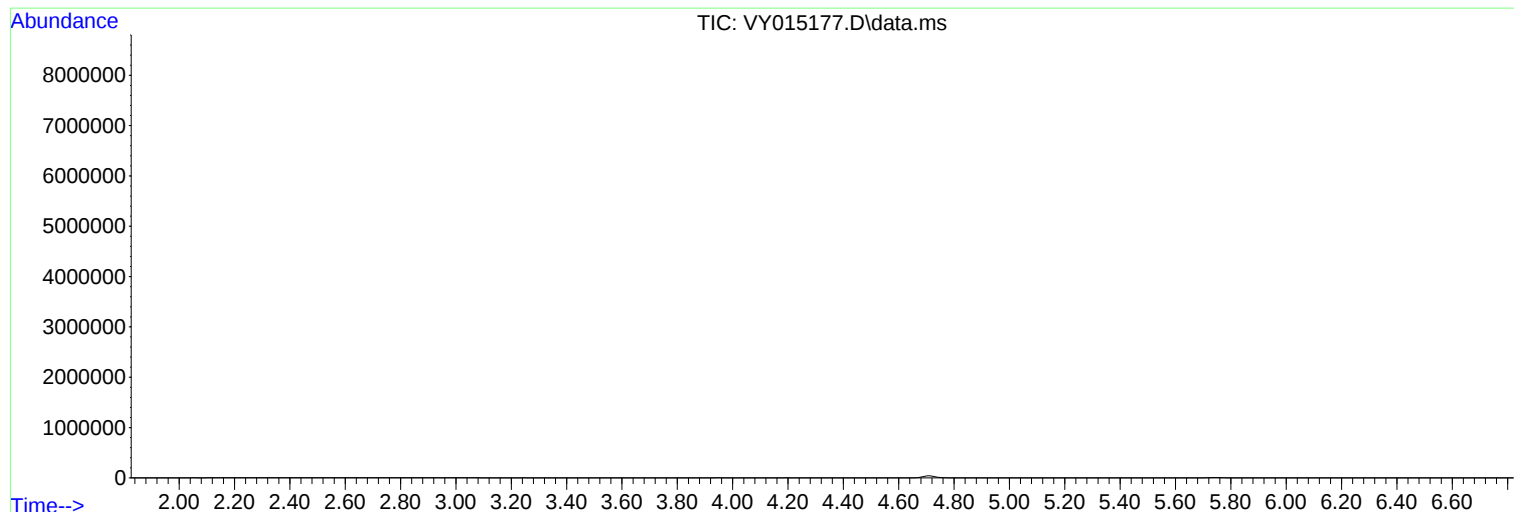
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ClientSampleId :
NEVINS-SB02-Z37-39

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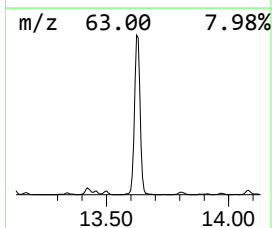
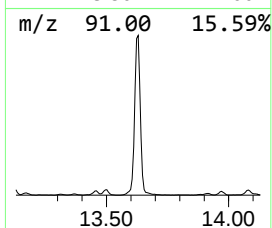
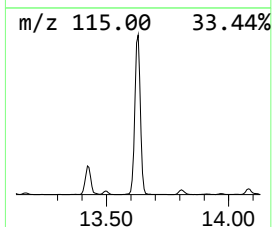
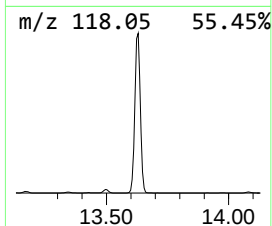
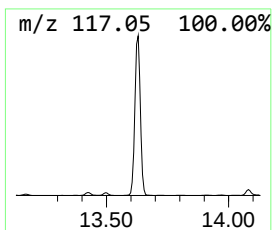
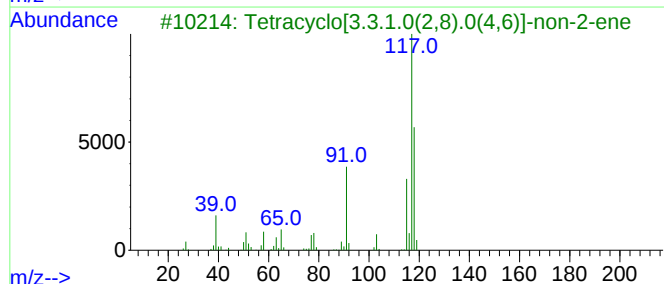
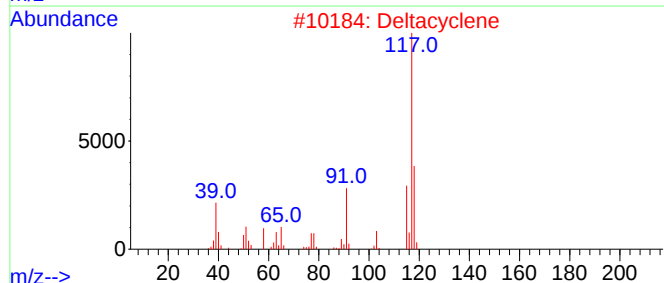
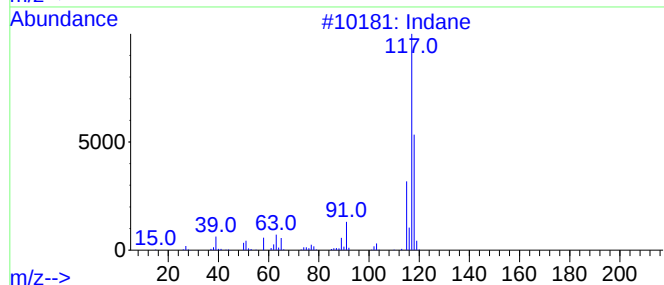
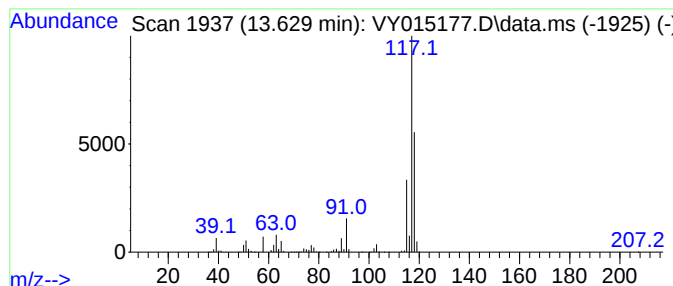
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	234.98 ug/l	3508340	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Deltacyclene	118	C9H10	007785-10-6	72
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



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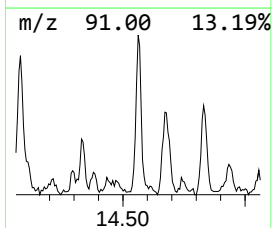
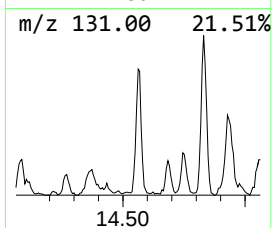
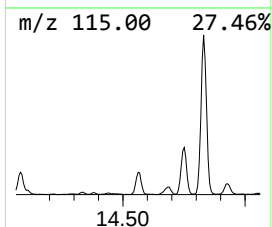
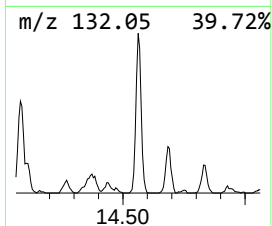
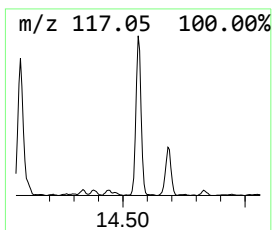
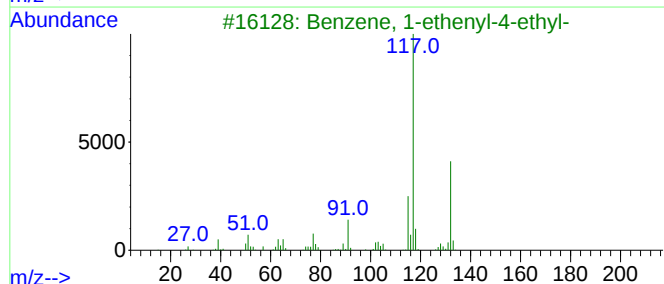
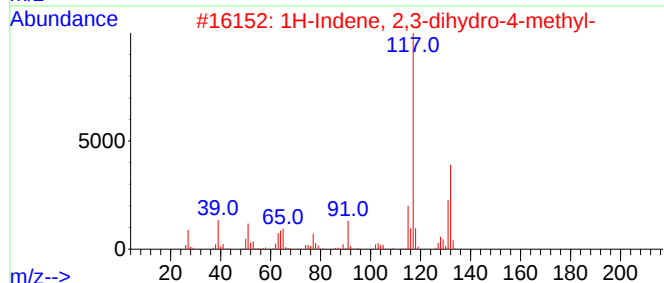
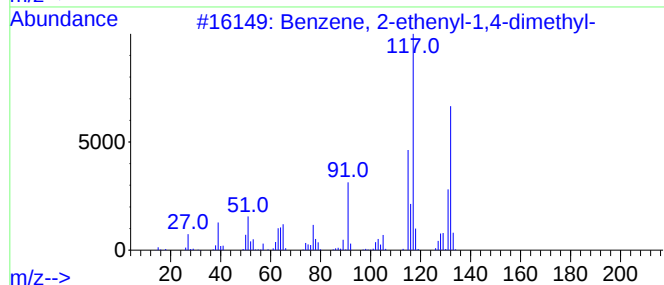
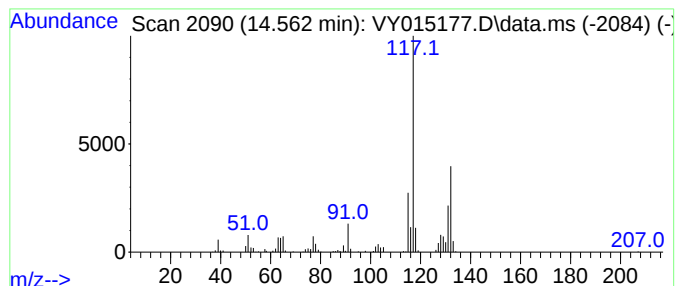
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Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	10.85 ug/l	162050	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-4-methyl-	132	C10H12	000824-22-6	91
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



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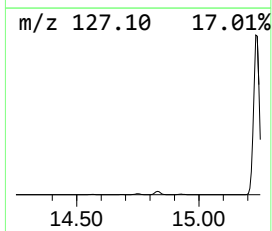
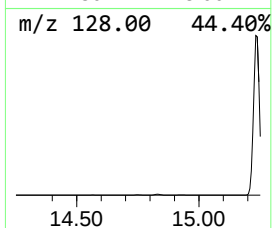
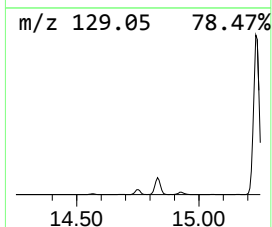
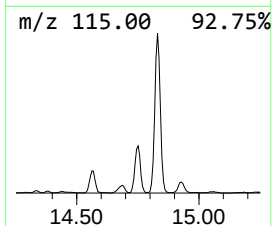
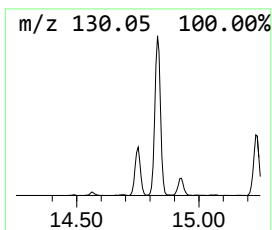
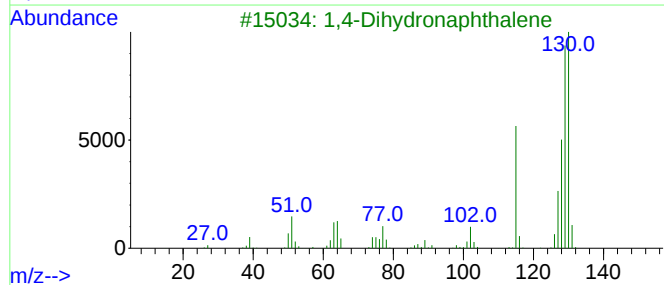
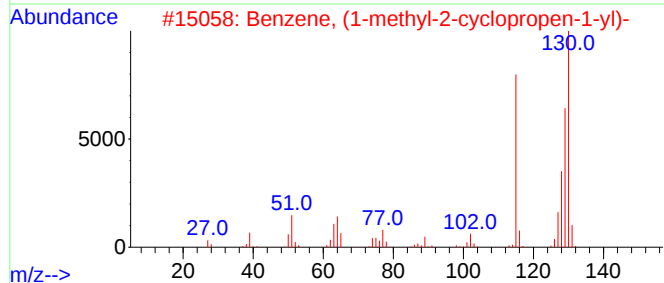
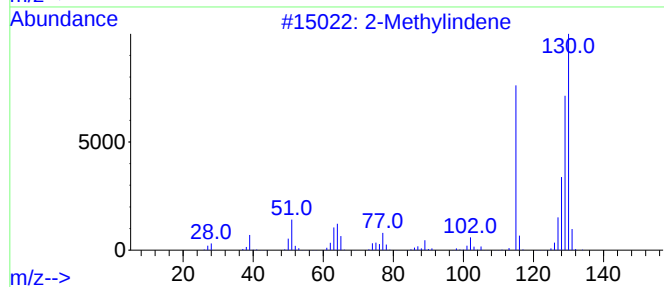
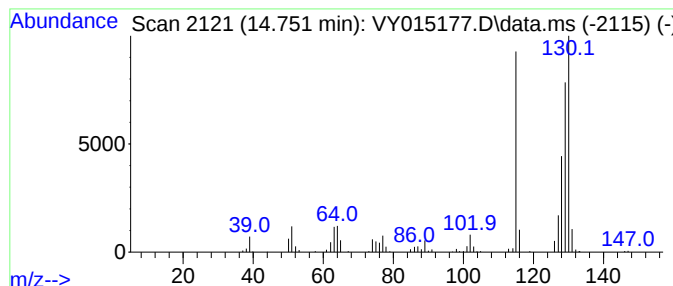
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	10.50 ug/l	156815	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	96
3			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5			Benzene, 1-butylnyl-	130	C10H10	000622-76-4	94



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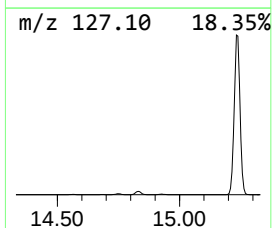
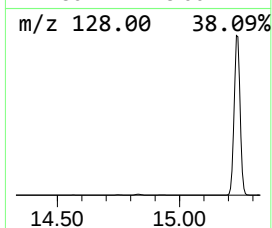
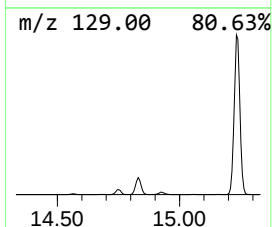
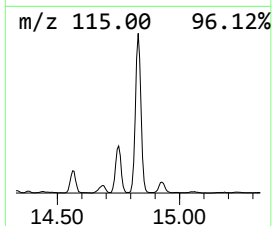
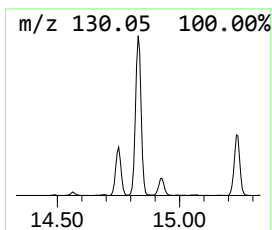
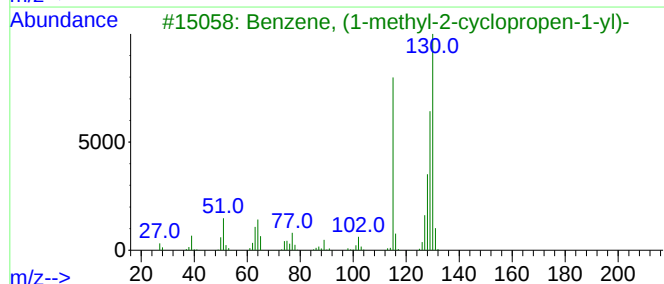
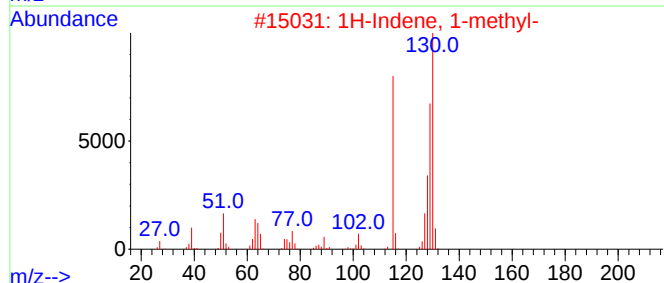
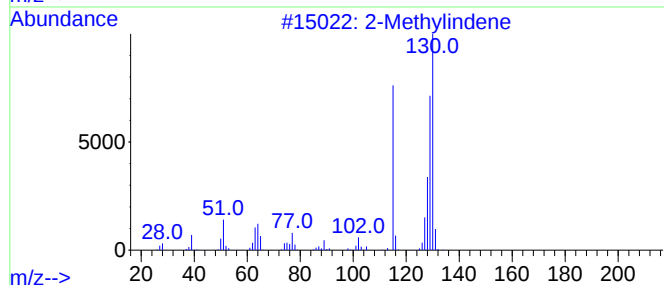
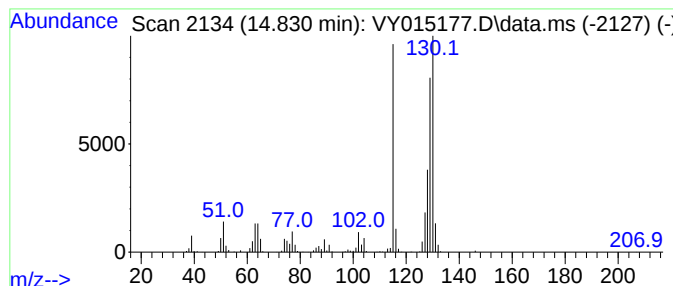
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Peak Number 4 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	35.72 ug/l	533340	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	96
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95



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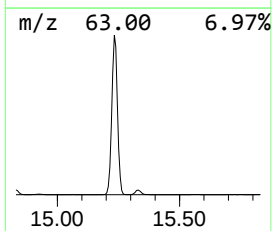
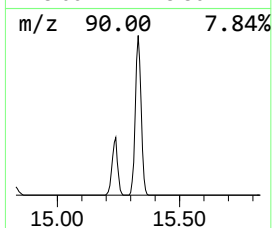
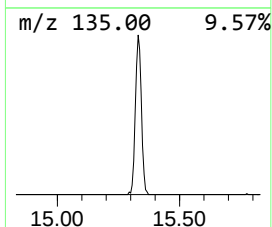
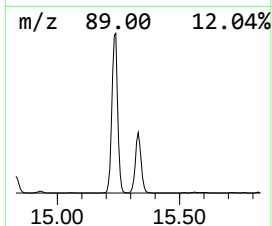
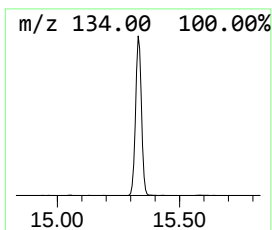
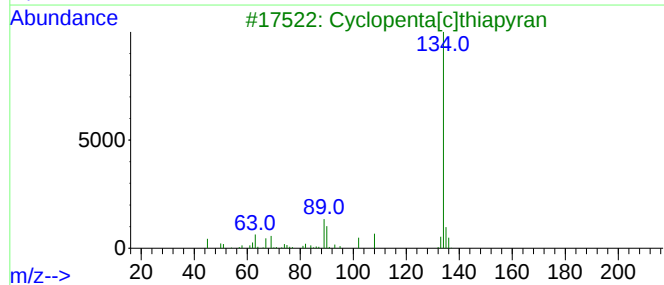
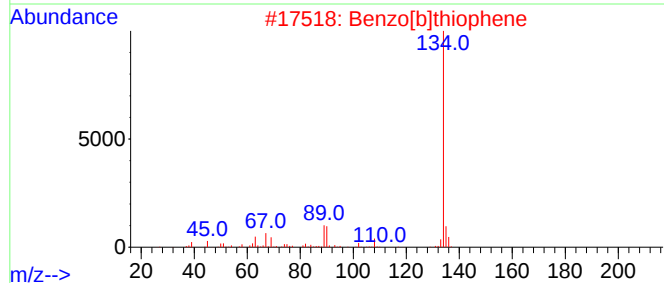
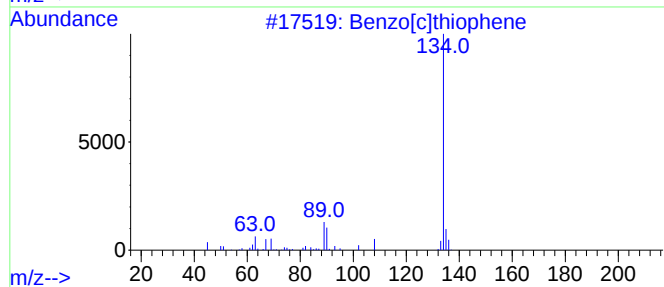
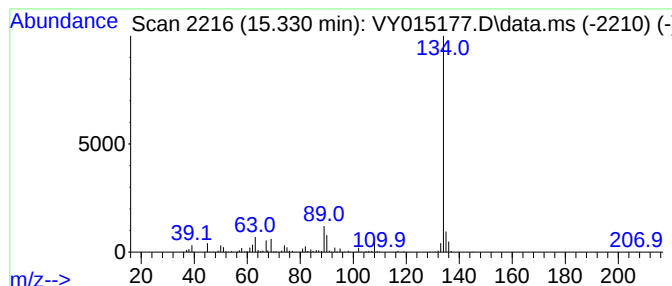
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	29.84 ug/l	445451	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
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



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	13.629	235.0	ug/l	3508340	4	13.428	746523	50.0
Benzene, 2-ethe...	14.562	10.9	ug/l	162050	4	13.428	746523	50.0
2-Methylindene	14.751	10.5	ug/l	156815	4	13.428	746523	50.0
1H-Indene, 1-me...	14.830	35.7	ug/l	533340	4	13.428	746523	50.0
Benzo[c]thiophene	15.330	29.8	ug/l	445451	4	13.428	746523	50.0